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EVALUATION OF WILDLIFE HABITAT IN NORTHERN ILLINOIS, 1940 vs. 1970

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Southern Illinois University

Carbondale, Illinois

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TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

EVALUATION OF WILDLIFE HABITAT IN NORTHERN ILLINOIS, 1940 VS. 1970

Human society's influence on wildlife comes more from use of the land than from direct contact with the animals (Graham 1947); and, this impact will undoubtedly increase as more land is manipulated to meet the demands of an expanding human population. Therefore, up-to-date information on land use is essential for effective assessment and management of the wildlife resource.

Previous studies (Roseberry et al. 1975, Hruska et al. 1976) identified land-use changes between 1940 and 1970 in southern and central Illinois (Fig. 1). The present investigation is an attempt to determine how use of the land in northern Illinois changed over the same 30-year period and how the changes probably altered wildlife habitat. Hopefully, the knowledge gained will provide insight into future land-use trends and their expected effects upon wildlife populations.

Although the present study utilized aerial photographs, satellite imagery is becoming increasingly available for all parts of the world and its potential for monitoring natural and man-induced changes in the landscape is great (U. S. Senate Committee on Aeronautical and Space Sciences 1976). Also being developed for land managers are procedures for assigning values to wildlife habitat so the impact of land developments can be dealt with objectively (Daniel and Lamaire 1976, Hoover 1976). As a result, future evaluations of wildlife habitat over large areas may be more standardized and more common.

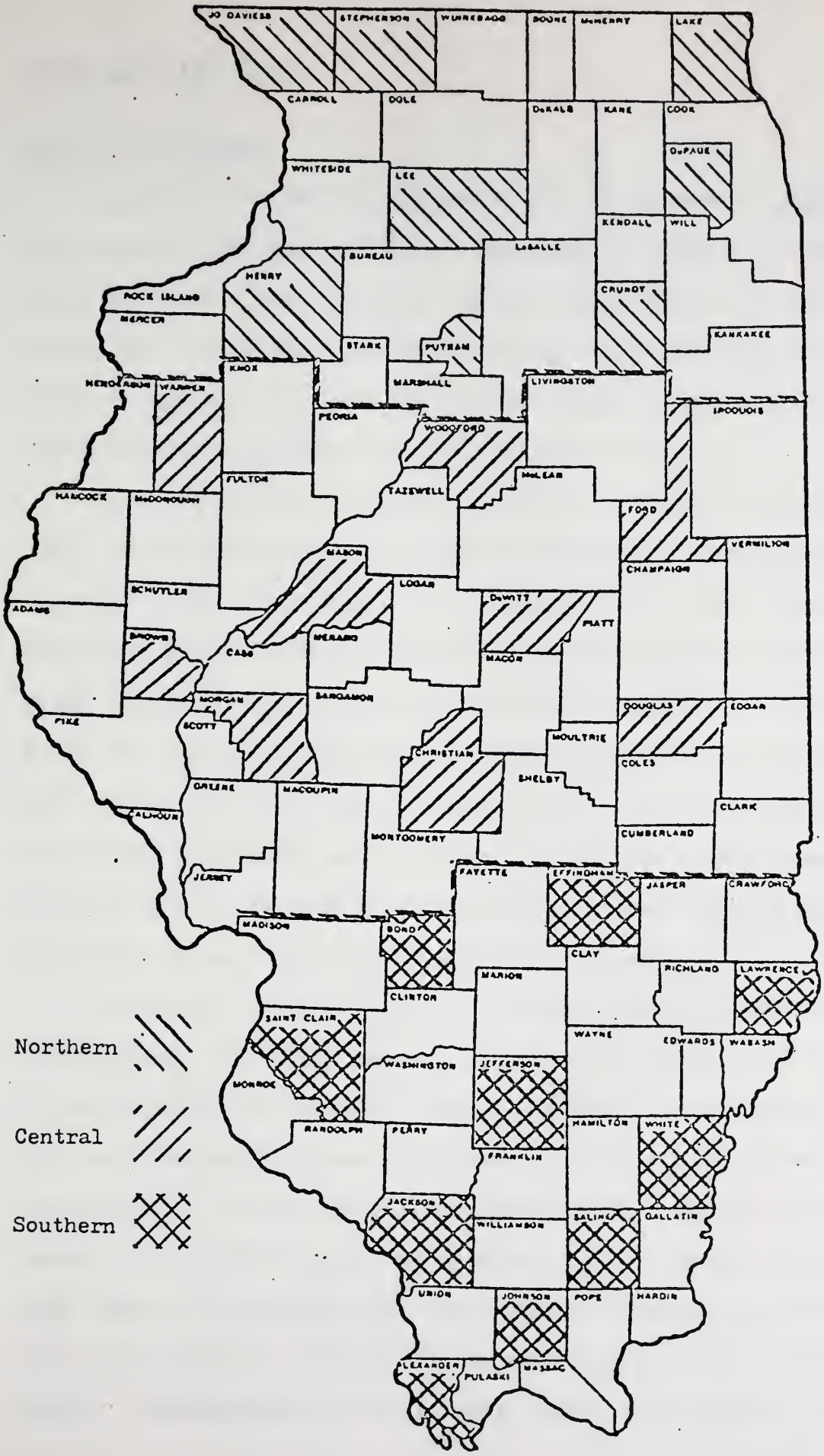

Figure 1. Counties in northern, central, and southern Illinois used as examples of land-use changes, ca 1940 and ca 1970.

STUDY AREAS AND METHODS

Sampling Techniques

Evaluation of land-use changes throughout northern Illinois would have required much time and money; fortunately, meaningful information could be obtained from sampling. In fact, Robertson and Stoner (1970) stated that a well-designed sampling survey was more practical than complete coverage of an area if only the proportion of each land use was desired rather than detailed maps or acreage counts.

According to a pilot project in southern Illinois (Roseberry et al. 1975), high sampling densities would be required to consistently estimate accurate acreages, particularly for land uses with a small uneven distribution; but, a 10 percent sample of an area could be used to identify major land-use changes while rarely detecting changes which were not real. Still, the cost of covering even 10 percent of northern Illinois exceeded the resources of this study; therefore, eight counties believed representative of the area were sampled (Fig. 1). Political counties were employed as sampling areas because most of the data available for analyzing and corroborating our findings were organized by county.

According to Schwegman (1973), Illinois reflects several regions based on topography, soil type, bedrock type, glacial history, and distribution of native plants and animals. Counties selected for study were chosen so that the five major regions identified in northern Illinois were adequately represented. Also considered were type of farming (Ross and Case 1956) and extent of forestation (Essex and Gansner 1965). Although sample counties were reasonably representative, they were not randomly selected and findings can be statistically inferred only to these counties and not to the entire region. Characteristics of each sample county are provided in Table 1.

Each study county has been divided by the General Land Office (GLO) into 1 square mile (2.6 km^2) sections (256 ha). Ten percent of the sections in each county were randomly selected for use as the basic sampling units. In some cases, usually because a river or lake formed the county border, only part of a sample section was within the study county; nevertheless, the entire section was used so that rivers and lakes were adequately sampled. If a selected section was adjacent to a previously chosen section, it was discarded for reasons explained later.

Land-use changes were determined from U. S. Agricultural Stabilization and Conservation Service (ASCS) aerial photographs of approximately 1:20,000 scale. The most recent photographs were purchased directly from the ASCS whereas all of the 1940 period photographs were borrowed from the Map and Geography Library at the University of Illinois, Urbana.

Acreages were estimated from the aerial photographs using a transparent dot grid (Bryan 1943). The grid contained 100 dots per square inch (6.5 cm^2) so that 1024 dots covered the 1 square mile (2.6 km^2) sampling area on the aerial photographs. Each dot thus represented .625 acres (.250 ha) on the photographs, well below the 1 dot per acre which Avery (1968:81) suggested as the maximum allowable when estimating from 1 square mile areas. Although some photographs varied slightly in scale, consistent sampling intensity was maintained by reproducing the dot grid to different dimensions.

To locate the section to be examined, landmarks on Illinois Department of Transportation county highway maps were matched with those on the photographs. The dot grid was then placed over the section and rotated 26.5^0 counterclockwise (arbitrary angle following Roseberry et al. 1975) to avoid bias from the north-south or east-west orientation of most roads

Table 1. Natural features[1], percentage of land in forests[2], and major farming types[3] in the eight northern Illinois study counties.

County	Topography	Aquatic Habitats	Wetland Types	Land in Forests	Major Farming Types
Dupage	rolling upland, ravines	rivers, creeks, glacial lakes	marsh, fen, bog, sedge meadow	5%	dairy
Grundy	level/rolling upland, floodplains, ravines	rivers, creeks, prairie potholes	marsh	4%	cash grain
Henry	level/rolling upland, floodplains, ravines, outwash plains	rivers, creeks	marsh	3%	livestock/grain
Jo Daviess	bluffs, canyons, floodplains, terraces, level/rolling upland	rivers, creeks	-	15%	mixed livestock
Lake	rolling upland, ravines, beach, dunes	rivers, creeks, glacial lakes	marsh, fen, bog, sedge meadow	5%	dairy
Lee	Level/rolling upland, ravines, floodplains, outwash plains, dunes	rivers, creeks, prairie potholes	marsh	2%	mixed livestock
Putnam	level/rolling upland, floodplains, terraces	rivers, creeks, backwater lakes	marsh, spring bog	12%	cash grain
Stephenson	rolling upland, canyons, floodplains	rivers, creeks, sloughs	marsh	3%	mixed livestock

[1]Source: Schwegman 1973.

[2]Source: Essex and Gansner 1965.

[3]Source: Ross and Case 1956.

and fencerows. This rotation precluded the use of adjacent sections as mentioned above. Although sample sections were identified by GLO nomenclature, the GLO and sample sections did not cover precisely the same area due to the grid rotation.

After placement of the grid, the photos were examined along the dot rows and a tally was given to a land-use type for each dot lying over it. Because a decision on the type of land use under each dot was made only once, this method was much faster and more accurate than counting dots for each land use independently.

The investigator gained experience in interpretating aerial photographs by identifying land uses on aerial photos of southern Illinois and then making the field verification checks. Also, each sample county was visited and qualitative checks were made on a number of the sample sections.

Data Collection

Fifteen types of land use were classified: field crops, pasture, forest, orchard, old field, hedgerow, wetland, building, road, railroad, water, right-of-way, urban, stripmined, and "other" lands. Manmade structures were easy to identify not only because of their distinct appearance but because they were usually represented on county highway or U. S. Geological Survey (USGS) topographic maps. Most vegetated areas, however, were not marked on the maps and one type often resembled another; thus, some judgments were subjective. The location of each sample section and the acreage of each land-use type within the section as of 1940 and 1970 were listed by county (Appendix A).

Field crops, which included row crops, small grains, and hay, usually appeared as areas of homogeneous vegetation, although some evidence of

cultivation was often visible. Hayfields were grouped with field crops because it was difficult to distinguish between the two, especially near harvest time. Recently fallowed fields were classified as cropland when furrows from previous years were evident through the vegetation. Specific crops were not recorded because identification of different crops would probably not be accurate from photographs of less than 1:7,000 scale (Goodman 1964). The greatest error within this category probably was identifying some small grain and hay fields as pastures.

Unlike the uniform appearance of field crops, pastures usually exhibited various shades of gray in uneven patches and often contained scattered trees. Depending on grazing pressure, the vegetation could appear as a mowed yard or a shrubby field. In a few instances livestock were noted; however, this was not proof of a pasture because livestock were often released on harvested cropland. A more reliable clue was the presence of trails, especially if they converged at gates or ponds. Also indicative of pastures were fences, small ponds, nearby farm buildings, and food and water troughs. Undoubtedly, some pastures were misidentified as cropland or old fields.

Forests appeared as very dark areas of uneven texture, often with long shadows along their edges. Deciduous and coniferous stands could not be distinguished consistently. Wooded areas crisscrossed by trails and showing little understory vegetation were recorded as pasture. Not recognizing a pastured woodlot was probably the most frequent error.

Old-field vegetation is a transitional stage of succession and as such has indefinite characteristics. For instance, no distinct difference was apparent between a little-used pasture and an old field or between a developing forest and a late stage old field. Differentiation of forests and old fields according to a scale of tree density was tried in the

southern Illinois study but found impractical (Roseberry et al. 1975:6). Consequently, subjective judgment was relied upon to separate forests and old fields; tree crown cover greater than 50 percent represented forest and less than 50 percent represented old field.

Orchards were easily identified by the evenly spaced trees. In the 1940 photographs fields of shocked grain often appeared similar to the pattern of orchard trees; but, grain shocks were not spaced evenly both along and between rows. Also included in the orchard category were nurseries for landscape and ornamental trees and shrubs.

Any strip of woody vegetation less than 80 feet (24 m) wide was classified as a hedgerow. On most of the photographs hedgerows as narrow as 5 feet (1.5 m) could be detected. An ocular micrometer and 9X dissecting microscope were used to measure strips of woody vegetation which were not easily distinguished as either hedgerow or forest. Because hedgerows were generally linear in shape, their size was more easily comprehended when expressed as length rather than area; therefore, hedgerow acreages were converted to linear distances by the following equation (after Roseberry et al. 1975:7-8):

$$E = \frac{m^2/acre}{W_p \times fs}$$

where E = linear meters per acre of hedgerow

W_p = mean width of hedgerows (4 mm) on the photographs

fs = fractional scale of the photograph

Wetlands were usually detected by the interspersion of water, which had a smooth appearance, and vegetation, which looked rough or uneven on the photographs. Wetland borders were usually indistinct except in the marsh and bog areas of northeastern Illinois. USGS topographic maps were used in most instances to confirm the presence of a wetland; however, these maps did not identify all wetlands visible on the photographs.

Buildings appeared as small light-colored areas with straight edges. Contained in this category were yards, driveways, feedlots, or any land immediately adjacent to the building and affected by the use of the building. Structures within urban areas were not included.

Roads were evident as thin, light gray lines extending with numerous intersections across the photos. Railroads appeared similar to narrow roads; however, a line was identified as a railroad if it changed direction by wide curves and not sharp turns, if driveways led past and not just up to the line, or if a train was on the line. Only the area of the roadbed itself was classified as road or railroad.

Right-of-way was defined as any maintained strip of non-woody vegetation. This included areas along roads, railroads, and utility lines, as well as grassy waterways in fields. Rights-of-way were of a much lighter color and smoother texture than hedgerows.

The permanent water category contained acreages of streams, ponds, and lakes. Important exceptions were the Illinois and Mississippi rivers and Lake Michigan. These areas were placed in the "other" land category because they were not expected to change greatly and inclusion of their large acreages might have concealed changes in the smaller waters. Although water usually had a smooth texture, it could appear light or dark depending on the reflection of light when the photo was taken. Nevertheless, streams could be distinguished by their meandering courses and artificial lakes and ponds by their convoluted shorelines or presence of a dam. Natural water impoundments were usually best detected by the thick shoreline vegetation or signs of use by man.

Urban areas were readily apparent on the photos but their borders were indistinct. Towns with more than 2,500 inhabitants were classified as urban

areas while smaller towns were placed in the buildings category. Generally, the areas included were those adjacent to city streets or along roads leading to or from the city. Also included were any housing subdivisions isolated in rural areas but with a density of greater than three houses per 2.5 acres (1 ha).

Stripmined land included all acreage mined or affected by mining. Usually these areas were conspicuous due to the rows of spoilbanks (either vegetated or barren) and the rectangular ponds. Also common at stripmines were roads, railroads, and large machinery.

The "other" category consisted of all land not listed under one of the above land-use types. Included were cemeteries, golf courses, isolated factories and school yards, racetracks, airports, water filtration plants, gravel pits, and the previously mentioned large bodies of water.

A non-habitat category was created by combining all acreages in the building, road, railroad, urban, and "other" categories. Assuredly, not all of these areas were devoid of wildlife; however, most had limited vegetation and were intensively used by man. The category was composed to learn how such areas changed in size and distribution between 1940 and 1970. Only the acreage changes of the non-habitat category and not those of the component land-use types are presented in the results.

An index of the interspersion of land-use types was calculated because the availability of different habitat types is important to many species of wildlife (Leopold 1933). The index was determined for each section by counting the land-use changes along two lines which bisected each other at the section's center (Baxter and Wolfe 1972).

Land use data were collected and compiled as acres and the term acreage is used freely within this paper. However, except in the appendices,

equivalent metric values are given alongside all measures of acreage and mileage.

To corroborate our findings, estimates of field crops, pastures, and orchards for all years from 1938 to 1972 were obtained from several publications of the Illinois Cooperative Crop Reporting Service (Tables 1-8, Appendix B). Total farm acreages and field crop acreages were taken from Circular 446, "County Estimates, Twenty Years Ending Jan. 1, 1945" (1951), "Field Crops by County, Twenty-one Years, 1945-1965" (1968), and from Bulletins 66-1 through 72-1, "Annual Summary" (1966-1972). Other farm data were acquired from the "Assessor's Annual Farm Census" (1938-1971).

Recorded by year and county were the number and acreage of farms, the number of orchard trees, and the acreages of corn, soybeans, small grains (wheat, oats, barley, and rye), hay, plowland and other pasture, and other land. Before 1951 "other" pasture, i.e., pasture on non-tillable land, was included with miscellaneous lands, but after 1951 this pasture acreage was reported separately. Estimates of land temporarily set aside from crop production were obtained from the Illinois State Agricultural Stabilization and Conservation Service (1961-1972).

Estimates of other land-use types were also compared with our data. Forest acreage estimates were acquired from King and Winters (1952) and Essex and Gansner (1965), acreage of permanent waters was taken from Lopinot (1973), and stripmined acreage in each county was obtained from Filer (1970).

Characteristics of the human population were available from the U. S. Bureau of the Census (1943 and 1973). To clarify changes that occurred, county populations were separated into urban, rural farm, and rural non-farm groups.

Data Analysis

The dot counts for each land-use type were arranged according to section, county, and year and then stored on standard 80-column cards to facilitate use of a computer in data processing. A computer program (Appendix C) was used to convert the dot counts to acreages and to check that the dots for each sample section summed to 640 acres (256 ha).

Data collected during the southern Illinois pilot project did not exhibit a normal distribution or homogeneity of variance (Roseberry et al. 1975:12). For that reason, the northern Illinois data were analyzed using non-parametric tests. Although less powerful, these tests are less restrictive in their assumptions than analogous parametric forms.

The Wilcoxen Matched-pairs, Signed-ranks Test (Siegel 1956:75-83) was employed to determine if the observed changes in land-use were statistically significant. The acreage difference between 1940 and 1970 within each sample section was calculated for each land-use type and compiled by county. The differences from each land-use type were ranked by size but not sign and the ranks of the positive and negative differences were then summed separately with the smaller sum being the score (T) for this test. Thus the direction and the magnitude of the acreage differences were considered. The T scores were linearly transformed to z-scores that could be interpreted with a table of areas of the normal curve. A computer program (Appendix C) was used to calculate the acreage differences, perform the Wilcoxen Tests, and transform the scores.

Because several land uses changed significantly within each county, it was necessary to determine if the changes had occurred independently. A Fortran IV computer program (Appendix D) permitted the acreage differences for each land use in each section to be coded on cards as increase, decrease,

no change, or, if the land-use type was not present in the section, no acreage. An additional program (Appendix E) was designed to compare the signs of the differences and determine the significant dependencies between land-use types in each county. This program, which utilized the Statistical Package for the Social Sciences (Nie et al. 1975), employed two tests: the Chi-Square Test (Ferguson 1976:195-202) and, for cases of less than 21 samples, Fisher's Exact Probability Test (Roscoe 1975: 281-285).

The sections containing no acreage of a certain land-use type were not included in the testing of that land-use type because they could add little to the analysis. The no change contingency, which usually contained less than five samples, tended to obscure relationships more than elucidate them. A significant result involving this contingency meant only that two land-use types changed or remained stable together or that one land-use type remained stable as the other changed. Neither instance could describe an association because the changes did not have to be directional.

Therefore, the contingency tables were reduced to a 2 x 2 design (increase, decrease) and a significant result indicated that two land-use types changed together (in the same or opposite direction). The magnitude and direction of the changes were evident only from the contingency table, not from the test score. Neither the test scores nor the arrangement of the contingency tables could determine cause and effect among the land uses.

A significance level of 0.05 was used for all statistical tests; thus, a result was regarded as significant in a statistical sense if the probability of that result occurring by chance was less than 5 in 100.

RESULTS

Human Population Trends

As the study counties show (Table 2), the population density varied widely over northern Illinois. In 1970, for example, Putnam County averaged 31 people per square mile (2.6 km^2) while Dupage County supported 1483 persons per square mile ($2.6^2 km^2$).

Population statistics were separated into urban, rural non-farm, and rural farm categories. Between 1940 and 1970 the overall population density increased 175.5 percent in the eight counties; increases in the urban category (296.0 percent) and rural non-farm category (60.1 percent) more than offset the 46.2 percent loss in the rural farm population. Changes within individual counties varied widely but all showed a decrease of more than 25 percent in the rural farm population and nearly all demonstrated increases in the urban and rural non-farm groups. Putnam County was the only area in which the overall population declined. The greatest changes over the 30-year period were recorded in Dupage County (+374.4 percent) and Lake County (+216.0 percent); virtually all of that change was in the urban population.

Farm Trends

According to the Illinois Cooperative Crop Reporting Service (Table 3), farm density decreased considerably from 1940 to 1970 (weighted $\overline{X}$ = -39.4 percent) while farm acreage showed a much smaller decline (weighted $\overline{X}$ = -10.7 percent). The obvious result was an increase in average farm size. As expected, farm density was not correlated with the percentage of land being farmed; however, the change in farm density over the 30-year

Table 2. Population density per square mile (2.6 km^2) in the eight northern Illinois study counties, 1940 and 1970.[1]

County	Urban[2]			Rural Non-Farm[3]			Rural Farm			Total		
	1940	1970	Percent Change	1940	1970	Percent Change	1940	1970	Percent Change	1940	1970	Percent Change
Dupage	221.2	1412.7	+538.8	70.3	66.7	-5.1	21.1	3.6	-83.0	312.6	1483.0	+374.4
Grundy	14.2	25.8	+81.2	14.3	29.0	+102.8	14.1	6.7	-52.7	42.6	61.4	+44.2
Henry	28.5	33.3	+16.9	9.0	19.7	+119.0	15.5	11.4	-26.8	53.0	64.4	+21.5
Jo Daviess	6.8	10.5	+53.7	12.0	16.1	+33.8	14.2	9.4	-33.8	33.0	35.9	+8.9
Lake	174.3	681.6	+291.1	72.0	149.5	+107.8	18.7	6.1	-67.2	265.0	837.3	+216.0
Lee	14.7	24.9	+70.1	17.7	18.8	+6.0	15.2	8.4	-44.5	47.5	52.1	+9.7
Putnam	0.0	0.0	0.0	18.7	24.0	+28.2	14.3	7.3	-49.1	33.1	31.3	-5.3
Stephenson	39.4	48.8	+24.0	13.1	25.0	+91.1	19.1	12.2	-36.2	71.6	86.0	+20.2
Entire Eight County Area	53.5	211.8	+296.0	24.4	39.1	+60.1	16.4	8.8	-46.2	94.3	259.7	+175.5

[1]Source: U. S. Bureau of the Census, 1943 and 1973.

[2]Urban population obtained by subtracting rural farm and rural non-farm densities from the total.

[3]Persons living in communities of less than 2500 people but not on farms.

Table 3. Farm density and farm acreage in the eight northern Illinois study counties, 1940 vs. 1970.[1]

County	Farms per Square Mile[2]			Percent of County in Farms		
	1940	1970	Percent Change	1940	1970	Percent Change
Dupage	4.85	1.11	-77.1	71.8	26.9	-62.5
Grundy	3.07	1.68	-45.3	91.3	83.7	-8.3
Henry	3.66	2.56	-35.8	94.1	93.6	-0.5
Jo Daviess	3.37	2.49	-26.1	88.3	83.8	-5.1
Lake	3.86	2.12	-51.6	64.4	38.8	-39.8
Lee	3.38	2.09	-38.2	95.0	89.4	-8.7
Putnam	2.66	1.68	-36.8	83.0	82.3	-0.8
Stephenson	4.55	3.14	-31.0	94.4	92.2	-2.3
Entire Eight County Area	3.71	2.25	-39.4	87.5	78.1	-10.7

[1]Source: Illinois Cooperative Crop Reporting Service. 1938-1971. Illinois Agricultural Statistics, Assessors Annual Farm Census. Illinois Department of Agriculture - U. S. Department of Agriculture.

[2]One square mile equals 2.6 km^2.

period was significantly correlated with the change in the percentage of farmland ($r = +.93$, $P < .01$).

In southern Illinois counties no significant correlations were evident between Crop Reporting Service data and U. S. Bureau of the Census figures on farm populations (Roseberry et al. 1975:16). However, Hruska et al. (1976:15) found several correlations between data from the two sources. In the present study, farm density was correlated with farm population density ($r = +.93$, $P < .01$) in both 1940 and 1970. The percentage of farmland was correlated with farm population density in 1970 only ($r = +.82$, $P < .05$).

The 30-year change in farm density was significantly correlated with the change in farm population ($r = +.92$, $P < .01$). Also correlated with changes in farm population were changes in the percentage of land in farms ($r = +.92$, $P < .01$).

Evaluation of Land-use Data

Some potential sources of error exist within this study. Possible inaccuracies resulting from interpretation of the aerial photographs were discussed earlier. Although errors in estimating acreage by the dot grid method most likely occurred, they were largely reduced by using a grid with a high dot density.

The most important variable affecting accuracy was probably the sampling intensity. As Roseberry et al. (1975) found, a 10 percent sample was fairly accurate for estimating acreages of common, evenly distributed types of land use but less accurate when estimating areas of uncommon or unevenly distributed land uses or land uses which varied greatly in acreage between sections. To illustrate this effect in northern Illinois, the standard

error of the mean (Mueller et al. 1970: 371-376) was calculated for samples of four land-use types in Grundy County as of 1940.

Field crops were common in Grundy County and 1 standard error of the mean was ± 15.7 percent of the mean field crop acreage in the sampled sections. Pasture, which was less common but may have been evenly spread across the county, had a standard error equal to ± 24.2 percent of the mean pasture acreage.

Orchards in this county were uncommon and unevenly distributed, but they only varied from 0.6 to 2.5 acres (0.2 - 1.0 ha). Consequently, one standard error was ± 38.7 percent of the orchard sample mean. Forests were relatively uncommon and showed great variation in acreage between sections. As a result, one standard error was ± 138.1 percent of the mean forest acreage sampled.

Although these values were for Grundy County, all counties demonstrated the same general principle, i.e., sampling accuracy was a function of the distribution and acreage variation of the land use being sampled. Our acreage estimates clearly were not accurate for all land-use types in all counties; however, the estimates did indicate major land-use trends affecting wildlife. In fact, as the following paragraphs show, the acreages were often compatible with estimates from other sources.

Forests. U. S. Forest Service estimates of forest acreage in the study counties as of 1940 (King and Winters 1952) were compared with our forest estimates (Table 4). Because no 1970 Forest Service data were available for comparison, forest acreages from the 1940 survey and from a 1962 Forest Service report (Essex and Gansner 1965) were extrapolated to 1970. In computing the projected figures a constant rate of change from 1940 to 1970 was assumed; but, the rate may actually have varied.

Table 4. Comparison of estimates of forested acreage in the eight northern Illinois study counties as of 1940, 1962, and 1970.

	Estimated Percentage of Area Forested as of:				
	1940		1962	1970	
County	Our Study[1]	Forest Service[2]	Forest Service[3]	Our Study[1]	Forest Service[4]
Dupage	2.5	5.2 (3.5)	5.0 (4.3)	3.9	5.0 (4.6)
Grundy	1.4	3.6 (2.5)	4.0 (3.5)	2.0	4.2 (3.9)
Henry	1.2	3.2 (2.2)	3.0 (2.6)	2.1	2.9 (2.7)
Jo Daviess	5.0	15.3 (10.4)	15.2 (13.1)	7.0	15.2 (14.1)
Lake	4.0	6.9 (4.6)	4.8 (4.1)	7.3	4.0 (3.9)
Lee	0.8	1.9 (1.3)	2.1 (1.9)	1.1	2.2 (2.1)
Putnam	8.0	17.0 (11.5)	12.1 (10.4)	11.3	10.3 (10.0)
Stephenson	1.9	4.4 (3.0)	3.2 (2.8)	2.6	2.8 (2.7)
Combined Eight County Area	2.5	6.1 (4.1)	5.5 (4.8)	3.9	5.3 (5.1)

[1]Based on a 10 percent sample of each county.

[2]Source: King and Winters 1952. Number in parentheses is their estimate minus nonstocked areas and acreage in the seedling and sapling state (pages 29-31).

[3]Source: Essex and Gansner 1965. Number in parentheses is their estimate minus nonstocked areas and acreage in the seedling and sapling stage (page 23).

[4]Our calculation made by projecting 1940 and 1962 Forest Service data to 1970 and assuming a constant rate of change.

Both Forest Service appraisals included areas in the seedling and sapling stages of succession as well as areas less than 10 percent stocked with trees (nonstocked areas). Our study would probably have identified such areas as old field, not forest. For better comparison, these areas were deleted from the Forest Service estimates and the adjusted figures were included with the initial estimates.

Our estimated percentages of forested land were lower than those of the Forest Service in every county for 1940 and in all but Lake and Putnam counties in 1970. Although the acreages reported were quite different, both our data and the adjusted Forest Service data showed forests increased in most of the study counties.

Permanent Water. Estimates of water acreage from an Illinois Department of Conservation survey of the entire counties (Lopinot 1973) were compared with the percentages of permanent water as determined from our 10 percent samples (Table 5). For most counties, our estimate agreed fairly well with the percentage reported by the Department of Conservation; in fact, for Grundy and Stephenson counties the relative difference was less than 10 percent.

The large differences shown for Dupage and Putnam counties (Table 5) were partly due to different methods of classifying the data. Because our study listed golf courses, cemeteries, and stone quarries in the "other" category, the water acreage within those areas was also so listed; but, Lopinot (1973) included these in the county total. In Dupage County, at least 30 (13 percent) of the 231 water impoundments larger than 1 acre (0.4 ha) were of this type. Also measured by the Conservation Department were the large bottomland pools connected to the Illinois River. Our study identified these as part of the river and recorded their acreage

Table 5. Comparison of estimates of the water acreage in the eight northern Illinois study counties, ca 1970.

County	Estimated Percentage of Area in Permanent Water		Absolute Difference	Relative Difference[3]
	Our Study[1]	Conservation Department[2]		
Dupage	0.34	0.85	0.51	-60.0
Grundy	0.90	0.89	0.01	+ 1.1
Henry	0.52	0.40	0.12	+30.0
Jo Daviess	0.51	0.46	0.05	+10.9
Lake	3.45	5.00	1.55	-31.0
Lee	0.55	0.75	0.20	-26.7
Putnam[4]	0.27	6.84	6.57	-96.1
Stephenson	0.28	0.30	0.02	- 6.7
Combined Eight County Area	0.85	1.31	0.46	-35.1

[1]Based on a 10 percent sample of each county.

[2]Based on a survey of the entire county. Source: Lopinot 1973.

[3]Difference expressed as a percentage of the Conservation Department's estimate.

[4]Apparent discrepancy due to difference in classification procedures; see text for explanation.

in the "other" category. In the Putnam County sample, three of these "lakes" represented 876.25 acres (350.50 ha). If, instead, this acreage had been added to the water category, our estimate of permanent water in this county would have been 7.87 percent not 0.27 percent and the relative difference between estimates would have been +15.1 percent instead of -96.1 percent.

Stripmined Land. Stripmined acreages reported by the Illinois Department of Mines and Minerals (Filer 1970) were compared with the acreage of stripmined land in the sample counties according to our study (Table 6). Because stripmined land was not evenly distributed within the counties, it was probably misrepresented by a 10 percent random sample. This might account for the poor agreement between our Henry County estimate and Filer's (1970) reported acreage (Table 6). Accordingly, the closer match between the Grundy County estimates would be expected because stripmines occupied a larger portion of that county and thus were more likely to appear in the sample.

Field Crops. Our estimate of field crops was higher than that of the Illinois Cooperative Crop Reporting Service (CRS) in every instance except for the 1970 Putnam County figure (Table 7). Part of this discrepency was due to different methods of data collection and classification. The CRS recorded only acres of harvested crops while our study noted all cropland acreage. Recently fallowed fields were not included in the CRS data but they would probably have appeared as cropland on the aerial photographs. Some differences resulted from our identifying other land uses, particularly pasture, as cropland. Also, only CRS figures for the major crops (corn, soybeans, small grains, and hay) were included but minor crops may have been important in some areas.

Table 6. Comparison of estimates of stripmined acreage in two of the northern Illinois study counties, ca 1970.

County	Estimated Percentage of Area Stripmined		Absolute Difference	Relative Difference[3]
	Our Study[1]	Dept. Mines and Minerals[2]		
Grundy	2.44	2.55	0.11	- 4.2
Henry	0.22	0.51	0.29	-56.9
Combined Two County Area	0.97	1.21	0.24	-19.8

[1]Based on a 10 percent sample of each county and includes areas mined for material other than coal. Single Lee County non-coal mine omitted.

[2]Based on a survey of the entire county, source: Filer 1970. Estimates are for same years as study photos but include only coal stripmines.

[3]Expressed as a percentage of Mines and Minerals Department's estimate.

Table 7. Comparison of estimates of field crop acreage in the eight northern Illinois study counties, ca 1940 and ca 1970.

County	Estimated Percentage of Area in Field Crops, ca 1940		Absolute Difference	Relative Difference[3]	Estimated Percentage of Area in Field Crops, ca 1970		Absolute Difference	Relative Difference[3]
	Our Study[1]	CRS[2]			Our Study[1]	CRS[2]		
Dupage	63.7	48.1	15.6	+32.4	44.0	27.7	16.3	+58.8
Grundy	81.1	66.0	15.1	+22.9	80.7	73.3	7.4	+10.1
Henry	78.8	60.1	18.7	+31.1	81.1	73.6	7.5	+10.2
Jo Daviess	42.8	36.4	6.4	+17.6	44.3	39.4	4.9	+12.4
Lake	50.5	33.7	16.8	+49.9	42.3	27.0	15.3	+56.7
Lee	83.0	62.8	20.2	+32.2	87.1	73.7	13.4	+18.2
Putnam	56.9	48.1	8.8	+18.3	58.8	60.7	1.9	- 3.1
Stephenson	72.5	56.5	16.0	+28.3	76.2	70.6	5.6	+ 7.9
Combined Eight County Area	68.2	52.7	15.5	+29.4	67.6	58.6	9.0	+15.4

[1]Based on a 10 percent sample of each county.

[2]Total of the corn, soybeans, small grains, hay, and set aside categories from the Illinois Crop Reporting Service data presented in Tables 1-8, Appendix B.

[3]Expressed as a percentage of the CRS estimate.

Our estimates for the 1970 period were much closer to the CRS figures than our 1940 estimates (Table 7). The relative difference was +29.4 percent for the entire study area in 1940 but only +14.8 percent for 1970. Similar results were obtained for southern and central Illinois (Roseberry et al. 1975, Hruska et al. 1976) which suggests a difference existed between the 1940 and 1970 study periods in our data collection methods, the aerial photos, or the methods of the CRS. No consistent difference in our methods or the aerial photographs was evident; however, the CRS data were based largely on county tax assessor's annual records and differences in reporting acreages may have developed over the 30 years.

Pasture. Only our 1970 estimates of pasture acreage were compared with CRS estimates (Table 8) because before 1951 the CRS placed some of the pasture acres into a miscellaneous category. Our study recorded more pasture than the CRS in only two counties. Mostly, our estimates were substantially lower than the CRS figures; but, the relative difference for the entire study area was only -5.1 percent. Pasture is one of the most difficult land uses to identify from aerial photographs and misidentifications might account for much of the discrepency. Because the present study and those in southern and central Illinois apparently underestimated pasture in most counties, interpretation of the aerial photos was probably biased more toward identifying pasture as another land use than vice versa.

Incorrect identification of pastures was probably more common in the 1940 samples because more pasture was present in 1940 than in 1970. If most of the misidentified pasture acreage was counted as field crops, the previously mentioned differences between the CRS field crop estimates and our data might be related to the presence of pasture. However, the percentage of pasture in a county as of 1940 was not correlated with the

Table 8. Comparison of estimates of pasture acreage in the eight northern Illinois study counties, ca 1970.

County	Estimated Percentage of Area in Pasture		Absolute Difference	Relative Difference[3]
	Our Study[1]	Crop Reporting Service[2]		
Dupage	1.2	1.5	0.3	-20.0
Grundy	2.9	4.9	2.0	-40.8
Henry	7.7	12.2	4.5	-36.9
Jo Daviess	40.1	33.0	7.1	+21.5
Lake	5.0	4.6	0.4	+ 8.7
Lee	4.9	4.8	0.1	+ 2.1
Putnam	6.9	9.7	2.8	-28.9
Stephenson	11.2	14.4	3.2	-22.2
Combined Eight County Area	11.1	11.7	0.6	- 5.1

[1]Based on a 10 percent sample of each county.

[2]Total of "plowland" and "other" pasture categories from the Illinois Cooperative Crop Reporting Service (1968 and 1971).

[3]Expressed as a percentage of the Crop Reporting Service estimate.

absolute difference (r_s = -.12) or the relative difference (r_s = -.24) between the sets of field crop data.

Orchard. Several factors complicated comparison of our estimates of orchard acreage with those from the CRS. Orchard size was recorded by the CRS as number of trees, not acres; therefore, a conversion factor of 39.1 trees per acre was applied to the CRS data. This conversion was based on the mean tree density of the nine orchards larger than 2.5 acres (1 ha) located in the sample sections. The CRS also recorded orchards only as reported by the landowner and did not require that orchards with less than 100 trees be reported. In addition, our study included landscape and ornamental tree nurseries (common in Dupage and Lake counties) while the CRS did not.

Consequently, our estimates were higher than those of the CRS (Table 9). To more accurately compare the estimates, our data were modified by deleting acreage from orchards with less than 100 trees and from all ornamental nurseries. These modified estimates were more similar to those of the CRS but in most cases our sample was not large enough to detect any orchards. The difference for Dupage County was inflated due to a single orchard which evidently was out of production and not recorded by the CRS.

Land-use Changes from ca 1940 to ca 1970

Dupage County. Land-use changes in Dupage County between 1939 and 1967 were measured from aerial photographs of 34 sample sections (Table 10). The human rural non-farm and urban populations in this county soared during the 28 years while the farm population dropped (Table 2); as a result, changes within this county characteristically involved displacement of

Table 9. Comparison of estimates of orchard acreage in the eight northern Illinois study counties, ca 1970.

County	Percentage of Area in Orchards		Absolute Difference[3]	Relative Difference[4]
	Our Study[1]	CRS[2]		
Dupage	1.87 (0.40)	0.02	0.38	-95.0
Grundy	0.07 (0.00)	0.00	0.00	0.0
Henry	0.06 (0.00)	0.03	0.03	-
Jo Daviess	0.24 (0.00)	0.00	0.00	0.0
Lake	12.90 (1.73)	2.01	0.28	+13.8
Lee	0.29 (0.00)	0.01	0.01	-
Putnam	0.38 (0.00)	0.04	0.04	-
Stephenson	0.05 (0.02)	0.00	0.02	-
Combined Eight County Area	1.78 (0.24)	0.25	0.01	+ 2.4

[1]Based on a 10 percent sample of the county and includes all orchards plus landscape nurseries. Number in parentheses represents only orchards with more than 100 trees and no nurseries.

[2]Based on landowner's report and includes only orchards with more than 100 trees. Source: Illinois Cooperative Crop Reporting Service (1968 and 1971). (Converted to acres using 39.1 fruit trees per acre.)

[3]Difference between the CRS data and our modified estimate.

[4]Expressed as a percentage of the CRS estimate.

Table 10. Land-use conditions and changes on 34 sample sections[1] of Dupage County, Illinois, based on 1939 and 1967 aerial photographs.

Category	Percent of Sampled Area in Designated Use 1939	1967	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	13.5	15.5	25:9:0:0	1.38	****
Field Crops	63.71	43.95	4:30:0:0	4.12	<0.01
Pasture	9.17	1.24	0:32:0:2	4.94	<0.01
Forest	2.53	3.92	21:4:0:9	3.47	<0.01
Orchard	0.61	0.19	1:17:0:16	3.22	<0.01
Old Field	3.71	6.63	23:9:0:2	2.36	<0.05
Hedgerow	0.92	1.15	23:8:3:0	1.82	****
Wetland	1.67	1.95	17:11:0:6	1.51	****
Water	0.09	0.34	12:1:0:21	2.59	<0.01
Right-of-way	1.98	2.19	13:19:2:0	0.43	****
Stripmined	0.00	0.00	0:0:0:34		
Non-habitat	15.62	38.43	32:2:0:0	4.99	=0.01

Significant Dependencies:		Increased	Decreased	X^2 = 5.22
Interspersion x Hedgerow	Increased	20	3	df = 1
	Decreased	3	5	P = 0.02

Table 10. Continued

		Increased	Decreased	$X^2 = 5.62$
Hedgerow x Right-of-way	Increased	12	9	df = 1
	Decreased	0	8	P = 0.02

[1]Equal to 21,760 acres (8704 ha) or 10.2 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

cropland and pasture by non-farm land uses. Forests, old fields, permanent water, and non-habitat acreage increased significantly while field crops, pastures, and orchards decreased significantly.

Forest acreage increased in 21 of the 25 sections where they were present. Wooded land covered 2.5 percent of the sampled area in 1939 and 3.9 percent in 1967. Much of the forest acreage was represented by county forest preserves and one large private preserve. Old-field vegetation increased from 3.7 percent of the sample area to 6.6 percent; 23 sections gained old fields while 9 lost.

Permanent water increased in 12 of 13 sections but only rose from 0.1 percent to 0.3 percent of the sample. As mentioned in the section on land use evaluation, several lakes and ponds in this county were not included in the water category because they were within country club or cemetery boundaries and were thus placed in the "other" lands category. Non-habitat acreage, which included land in the building, road, railroad, urban, and "other" categories, increased in all but two sample sections. Non-habitat areas covered 15.6 percent of the 1939 sample and expanded to 38.4 percent in 1967. Most of the non-habitat additions were in the urban and "other" categories which, over the 28-year period, rose from 7.8 to 23.1 percent and from 3.4 to 8.9 percent of the sample, respectively.

Field crop acreage decreased in 30 of 34 sections and the percent of the sample covered by field crops fell from 63.7 percent to 44.0 percent. Pasture declined in all 32 sections where it occurred and dropped from 9.2 to 1.2 percent of the sampled area. Orchards decreased from 0.6 percent of the sample to 0.2 percent as 17 of 18 sections lost acreage.

The median interspersion index increased from 13.5 to 15.5 but the change was not statistically significant. Hedgerows expanded in 23

sections, declined in 8 and remained stable in 3; but, the increase may not have been real across the county. Wetlands increased slightly, rights-of-way decreased slightly, and no stripmined land was present.

The interspersion index and hedgerows changed together in 25 of 31 sections, mostly increasing in common. Hedgerows and rights-of-way showed a significant relationship because hedgerows never decreased when rights-of-way increased.

Grundy County. Land use was evaluated on 43 sample sections of Grundy County using aerial photographs from 1940 and 1967 (Table 11). Old fields, permanent water, and rights-of-way increased significantly while pastures and orchards declined significantly.

Old-field vegetation covered 1.7 percent of the sample area in 1940 and increased to 3.5 percent in 1967. Permanent water acreage rose from 0.3 to 0.4 percent of the sample area while increasing in 14 of 24 sections. Rights-of-way increased in 31 of 43 sections and from 1.4 percent of the sample to 2.2 percent. Forests increased in 16 of 21 sections and there was a 94 percent probability that the change occurred county-wide.

Pasture acreage dropped from 7.4 percent of the sample to 2.9 percent as 32 of the 38 sections containing pasture showed decreases. Orchards declined in eight of nine sections, but the area covered dropped only from 0.04 to 0.01 percent of the sample. The average hedgerow length decreased (Table 19) as 15 sections gained hedgerow acreage, 24 lost, and 4 remained stable. The change was probably real throughout the county.

The median index of interspersion did not change over the 27 years. Field crops increased in 27 of 45 sections yet the total acreage of field crops declined slightly. Wetlands decreased in only three of five sections, but the proportion of the sample covered by wetlands dropped from 0.9 to 0.3 percent.

Table 11. Land-use conditions and changes on 43 sample sections[1] in Grundy County, Illinois, based on 1940 and 1967 aerial photographs.

County	Percent of Sampled Area in Designated Use 1940	1967	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	11	11	16:23:4:0	1.40	****
Field Crops	81.07	80.70	27:16:0:0	1.14	****
Pasture	7.43	2.86	4:32:2:5	4.61	<0.01
Forest	1.42	1.97	16:4:1:22	1.92	<0.06
Orchard	0.04	0.01	1:8:0:34	2.25	<0.05
Old Field	1.71	3.49	25:10:1:7	2.78	<0.01
Hedgerow	1.07	0.85	15:24:4:0	1.92	<0.06
Wetland	0.87	0.34	2:3:0:38	0.67	****
Water	0.33	0.90	14:3:7:19	2.30	<0.05
Right-of-way	1.39	2.15	31:12:0:0	3.03	=0.01
Stripmined	0.51	2.44	2:0:0:32	1.34	****
Non-habitat	4.16	4.29	19:23:1:0	0.39	****

Significant Dependencies:

		Increased	Decreased	X^2 = 16.65
Interspersion x Hedgerow	Increased	10	3	df = 1
	Decreased	1	21	P = 0.01

Table 11. Continued

		Increased	Decreased	$X^2 = 7.40$
Field Crops x Non-habitat	Increased	7	19	df = 1
	Decreased	12	4	P < 0.01

[1]Equal to 27,520 acres (11,008 ha) or 10.1 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

Stripmined areas increased in the two sections where they were present; however, the reality of the increase across the county could not be predicted from only two samples. Non-habitat acreage increased slightly in the sample.

Hedgerows and the interspersion index varied together in 31 of 35 sections in this county. Field crop acreage and non-habitat acreage changed inversely in 31 of 42 sections.

Henry County. Aerial photographs from 1938 and 1970 were examined to gather land-use data on 84 sections of Henry County (Table 12). Increasing significantly were field crops, forests, old fields, permanent water, and rights-of-way. Significant decreases occurred in the interspersion index, pastures, orchards, and hedgerows.

Field crop acreage rose from 78.8 percent of the sample to 81.1 percent while increasing in 56 sections, decreasing in 26, and not changing in 2. Forests gained acreage in 31 of 41 sections and increased from 1.2 to 2.1 percent of the sampled area. In 38 of 57 sections, old field acreage increased; however, the proportion of sample land covered by old fields only increased from 1.1 to 1.3 percent.

Similarly, permanent water acreage increased in enough sections to suggest a real change across the county, yet the total area rose only from 0.4 to 0.5 percent of the sample over the 32 years. Obviously, the water acreage increased mainly by small additions. Rights-of-way increased in 50 sections, declined in 26, and did not change in 8.

Pastures in Henry County declined in 56 of 81 sections and fell from 11.5 percent to 7.7 percent of the sampled land. Orchards decreased in 17 of 18 sections but the decline was only from 0.07 to 0.01 percent of the sampled land.

Table 12. Land-use conditions and changes on 84 sample sections[1] in Henry County, Illinois, based on 1938 and 1970 aerial photographs.

County	Percent of Sampled Area in Designated Use 1938	1970	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	11	10	21:49:14:0	4.26	<0.01
Field Crops	78.79	81.12	56:26:2:0	3.71	<0.01
Pasture	11.51	7.73	25:56:0:3	4.59	<0.01
Forest	1.15	2.13	31:10:0:43	3.65	<0.01
Orchard	0.07	0.01	2:17:0:65	3.62	<0.01
Old Field	1.06	1.32	38:18:1:27	2.12	<0.05
Hedgerow	1.24	0.97	30:52:2:0	3.14	<0.01
Wetland	0.47	0.24	2:8:0:74	1.58	****
Water	0.41	0.52	26:6:8:44	3.10	<0.01
Right-of-way	1.60	1.83	50:26:8:0	2.53	<0.01
Stripmined	0.28	0.22	0:1:0:83	1.00	****
Non-habitat	3.43	3.92	48:31:5:0	1.51	****

Significant Dependencies:		Increased	Decreased	X^2 = 6.48
Interspersion x Field Crops	Increased	9	13	df = 1
	Decreased	29	18	P = 0.01

Table 12. Continued.

		Increased	Decreased	$X^2 = 32.90$
Field Crops x Pasture	Increased	5	49	df = 1
	Decreased	19	6	$P < 0.01$
		Increased	Decreased	$X^2 = 4.23$
Pasture x Forest	Increased	6	6	df = 1
	Decreased	25	4	P = 0.04

[1]Equal to 53,760 acres (21,504 ha) or 10.2 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

Hedgerow acreage decreased in 52 of 82 sections and the average length per section also declined (Table 19). The interspersion index remained stable in 14 sections but decreased in 49 of the 70 sections in which it changed. The median value dropped from 11 to 10.

Wetland acreage was reduced in eight of 10 sections but this may not have reflected the actual change acrosss the county. The non-habitat category increased little; most of the change was due to urban acreage, which increased in all eight sections where it was found. Stripmined land occurred in only one sample section and, according to our figures, decreased in size. Actually, part of the stripmine acreage was classified as road and right-of-way in the 1970 sample because a highway had been constructed across the mined land.

Field crops varied inversely with pastures in 68 of 79 sections; however, this does not necessarily mean the two usually succeeded each other. Pastures showed a weaker inverse association with forests. They changed oppositely in 31 of 41 sections but 25 of those cases involved increasing forests and decreasing pastures. The interspersion index displayed a somewhat inverse relationship with field crops, but the high chi-square value was mainly due to the lack of cases in which field crops increased in common with interspersion.

Jo Daviess County. Aerial photographs from 1939 and 1970 were used to analyze land-use changes on 62 sections of Jo Daviess County (Table 13). Forests, permanent water, and non-habitat acreage increased significantly. Pastures and orchards showed the only significant acreage decreases.

Forest acreage increased from 4.9 to 7.0 percent of the sample area as 40 sections increased, 10 decreased, and 1 remained stable. Hedgerows expanded in 36 of 60 sections and the average length per section increased

Table 13. Land-use conditions and changes on 62 sample sections[1] in Jo Daviess County, Illinois, based on 1939 and 1970 aerial photographs.

Category	Percent of Sampled Area in Designated Use 1939	1970	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	13	14	31:17:14:0	1.91	<0.06
Field Crops	42.84	44.25	38:23:0:1	1.72	<0.09
Pasture	44.39	40.06	15:46:0:1	4.14	<0.01
Forest	4.95	6.99	40:10:1:11	4.13	<0.01
Orchard	0.05	0.02	2:9:0:51	2.22	<0.05
Old Field	1.12	1.31	26:24:2:10	0.19	****
Hedgerow	0.61	0.73	36:17:7:2	2.44	<0.05
Wetland	0.31	0.28	4:2:0:56	0.11	****
Water	0.38	0.51	15:3:2:42	2.35	<0.05
Right-of-way	0.79	0.86	31:21:7:3	1.07	****
Stripmined	0.00	0.00	0:0:0:62		
Non-habitat	4.57	4.99	35:24:3:0	2.21	<0.05

Significant Dependencies:		Increased	Decreased	X^2 = 3.71
Interspersion x Forest	Increased	23	4	df = 1
	Decreased	6	6	P = 0.05

Table 13. Continued.

		Increased	Decreased	$X^2 = 23.16$
Field Crops x Pasture	Increased	1	37	df = 1
	Decreased	14	9	$P < 0.01$
		Increased	Decreased	$X^2 = 4.81$
Pasture x Forest	Increased	6	5	df = 1
	Decreased	34	4	$P = 0.03$

[1]Equal to 39,680 acres (15,872 ha) or 10.1 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

(Table 19). Permanent water acreage increased in 15 of 19 sections but the proportion of the sample covered by water increased only from 0.4 to 0.5 percent of the sample. As in other counties, water acreage clearly increased due to small impoundments. Non-habitat acreage rose from 4.6 to 5.0 percent of the sample and increases in rural buildings and urban areas accounted for much of the change.

Pasture acreage decreased from 44.4 percent of the sample in 1939 to 40.1 percent in 1970. Orchards declined in nine of 11 sections but the decrease was only from 0.05 to 0.02 percent of the sampled land.

Field crop acreage increased in 38 of 61 sections and the increase may have been real county-wide. The median interspersion index rose from 13 to 14 and there was a 94 percent probability that the increase occurred over the entire county.

Old fields and rights-of-way displayed small increases in the sample sections. Wetlands increased in four of six sections but the total area of wetlands declined slightly. No stripmined lands were present.

The index of interspersion varied in common with forests in 29 of 39 sections; both increased in most cases. In 51 of 61 sections field crops and pastures displayed the strong inverse relationship found in other counties. Forests and pastures were inversely associated in 39 of 49 sections.

Lake County. Land-use changes in 49 sections of Lake County were evaluated from 1939 and 1967 aerial photographs (Table 14). The interspersion index increased significantly as did the acreage of forests, old fields, hedgerows, rights-of-way, non-habitat areas, and permanent water. Pastures and field crops showed significant acreage losses.

These changes in land use were similar to changes that took place in Dupage County and for the same reasons, namely, great increases in the urban and rural non-farm population and a declining farm population (Table 2).

Old fields increased dramatically from 4.7 percent of the sample in 1939 to 10.3 percent in 1967 and increased in 42 of 49 sections. Forests also expanded greatly; they increased in 43 of 45 sections and from 4.0 to 7.3 percent of the sampled area. The average hedgerow length per section increased from 3.2 miles (5.2 km) to 3.9 miles (6.3 km) and the median interspersion index rose from 17 to 19 over the 28 years.

The acreage of permanent water increased in 24 sections, decreased in 9, and did not change in 2. The area covered by water increased from 2.9 to 3.5 percent of the sample. Rights-of-way expanded from 1.7 to 2.5 percent as 32 sections increased, 12 declined, and 5 were stable.

The greatest acreage increase, from 11.6 to 20.9 percent of the sample, was in the non-habitat category. Non-habitat acreage increased in 45 of 49 sections and all the component land-use types within this category, except railroads, displayed real increases.

Cropland was reduced from 50.5 to 42.3 percent of the sampled area and pasture from 15.9 to 5.0 percent. The former decreased in 38 of 47 sections while pasture declined in 42 of 47 sections.

More sections showed declines in orchards than increases but the overall acreage increased somewhat. Wetlands occurred in 39 sections, more than in any other county sampled, and they appeared to have declined slightly. No stripmined areas were detected. Although land use in Lake County was dynamic, there were no significant associations between land uses according to the chi-square tests.

Table 14. Land-use conditions and changes on 49 sample sections[1] in Lake County, Illinois, based on 1939 and 1967 aerial photographs.

Category	Percent of Sampled Area in Designated Use 1939	1967	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	17	19	27:14:8:0	2.36	<0.05
Field Crops	50.51	42.28	9:38:0:2	4.23	<0.01
Pasture	15.93	4.95	4:42:1:2	5.52	<0.01
Forest	4.02	7.33	43:2:0:4	5.44	<0.01
Orchard	1.06	1.29	15:23:3:8	0.46	****
Old Field	4.73	10.29	42:7:0:0	4.74	<0.01
Hedgerow	1.59	1.96	31:17:0:1	2.46	=0.01
Wetland	5.99	5.08	16:23:1:10	1.56	****
Water	2.85	3.45	24:9:2:14	2.64	<0.01
Right-of-way	1.69	2.49	32:12:5:0	3.30	<0.01
Stripmined	0.00	0.00	0:0:0:49		
Non-habitat	11.63	20.89	45:3:1:0	5.79	<0.01

Significant Dependencies: None

Table 14. Continued.

[1]Equal to 31,360 acres (12,544 ha) or 10.4 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

Lee County. Aerial photographs taken in 1939 and 1970 were used to study land use on 74 sections of Lee County (Table 15). Significant acreage increases occurred over the 31-year period in field crops, forests, old fields, permanent water, and rights-of-way. At the same time pastures and hedgerows decreased significantly in area.

Field crops increased in 63 of 74 sections and expanded from 83.0 to 87.1 percent of the sampled area. Forests and old fields also increased, yet neither covered much over 1 percent of the sample. Forests gained in 14 of 21 sections while old fields increased in 26 of 36 sections.

Permanent water increased in 15 of 19 sections, but the change meant only an increase from 0.5 to 0.6 percent of the sample. Rights-of-way expanded in 61 of 74 sections and changed from 1.5 to 1.8 percent of the sample.

Pastures decreased in 70 of 72 sections and the portion of the sample in pasture declined from 10.3 to 4.9 percent. Mean hedgerow length dropped from 1.8 miles (2.9 km) to 1.2 miles (1.9 km) per section.

The median interspersion index was stable at eight. Wetlands decreased in five of eight sections as wetland acreage dropped from 0.10 to 0.06 percent of the sample. Stripmined land was present in only one section and increased from 0.2 to 0.4 percent of the sample.

The interspersion index was significantly associated with four land-use types in this county. Interspersion varied directly with forest in 12 of 14 sections and with hedgerows in 34 of 49 sections. Wetlands and interspersion changed inversely in seven sections. The relationship between interspersion and rights-of-way was not clear; apparently, the significant chi-square value was due to a lack of samples in which both decreased. Old fields and non-habitat acreage were also indistinctly associated except that old fields never decreased when non-habitat increased.

Table 15. Land-use conditions and changes on 74 sample sections[1] in Lee County, Illinois, based on 1939 and 1970 aerial photographs.

Category	Percent of Sampled Area in Designated Use 1939	1970	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	8	8	22:31:19:2	1.56	****
Field Crops	82.96	87.05	63:11:0:0	5.23	<0.01
Pasture	10.30	4.94	2:70:0:2	7.34	<0.01
Forest	0.83	1.08	14:6:1:53	2.60	<0.01
Orchard	0.05	0.03	3:11:0:60	1.16	****
Old Field	0.28	0.73	26:9:1:38	3.23	<0.01
Hedgerow	0.90	0.59	16:52:5:1	3.66	<0.01
Wetland	0.10	0.06	2:5:1:66	1.27	****
Water	0.47	0.55	15:2:2:55	3.08	<0.01
Right-of-way	1.46	1.83	61:12:1:0	5.07	<0.01
Stripmined	0.15	0.41	1:0:0:63	1.00	****
Non-habitat	2.52	2.75	36:37:1:0	0.64	****

Significant Dependencies:		Increased	Decreased	
Interspersion x Forest	Increased	9	1	
	Decreased	1	3	P = 0.08**

Table 15. Continued.

		Increased	Decreased	X^2 = 4.42
Interspersion x Hedgerow	Increased	9	11	df = 1
	Decreased	4	25	P = 0.04
		Increased	Decreased	
Interspersion x Wetland	Increased	0	5	
	Decreased	2	0	P = 0.05**
		Increased	Decreased	X^2 = 5.70
Interspersion x Right-of-way	Increased	14	8	df = 1
	Decreased	29	2	P = 0.02
		Increased	Decreased	X^2 = 4.44
Old Field x Non-habitat	Increased	12	12	df = 1
	Decreased	0	8	P = 0.04

[1]Equal to 47,360 acres (18,944 ha) or 10.2 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

**Probability determined by Fisher's exact test so no test score is reported.

Putnam County. Eighteen sections of Putnam County were analyzed. using 1939 and 1970 aerial photographs (Table 16). Only two of 10 land-use types changed significantly at the 0.05 level of probability; however, five of the 10 changed significantly at the 0.10 level.

Rights-of-way increased from 1.0 to 1.6 percent of the sample as 13 of 15 sections gained right-of-way acreage. Forests increased in 11 of 12 sections and from 8.0 to 11.3 percent of the sample in what was probably a real change across the county.

Hedgerows dropped from an average length of 5.0 miles (8.1 km) to 3.7 miles (6.0 km) per section as 13 of 17 sections showed decreases in hedgerow acreage. Pastures and orchards experienced decreases which probably occurred county-wide. Pasture acreage represented 11.4 percent of the 1939 sample but only 6.9 percent of the 1970 area. Orchards declined in five of six sections but the change was only from 0.14 percent of the sample to 0.04 percent.

Wetlands declined in two of three sections and decreased from 1.0 percent of the sample to 0.3 percent; but, the number of sections was not large enough to infer that the change occurred throughout the county. Permanent water acreage appeared to increase slightly in the sample as did non-habitat acreage. Most of the non-habitat change was due to increases in "other" land acreage.

No stripmined areas were encountered in Putnam County. The median interspersion index rose from 16 to 19.5; but, the Wilcoxen test did not determine the change to be significant because only 10 of 17 sections showed an increase. Field crops and non-habitat areas changed inversely in 13 of 18 cases and never decreased in the same section.

Stephenson County. Land-use changes in 57 sections of Stephenson County were studied from aerial photographs taken in 1939 and 1970

Table 16. Land-use conditions and changes on 18 sample sections[1] of Putnam County, Illinois, based on 1939 and 1970 aerial photographs.

Category	Percent of Sampled Area in Designated Use 1939	1970	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	16	19.5	10:7:1:0	0.57	****
Field Crops	56.86	58.81	12:5:0:1	1.35	****
Pasture	11.38	6.91	5:11:1:1	1.76	<0.08
Forest	8.01	11.28	11:1:0:4	1.68	<0.09
Orchard	0.14	0.04	1:5:0:12	1.68	<0.09
Old Field	8.13	7.66	6:9:0:3	0.68	****
Hedgerow	2.50	1.85	3:13:1:1	2.95	<0.01
Wetland	0.97	0.26	1:2:0:15	1.07	****
Water	0.21	0.27	7:5:1:5	0.75	****
Right-of-way	1.00	1.60	13:2:0:3	2.70	<0.01
Stripmined	0.00	0.00	0:0:0:18		
Non-habitat	10.87	11.33	10:8:0:0	0.00	****

Significant Dependencies:		Increased	Decreased	
Field Crops x Non-habitat	Increased	4	8	
	Decreased	5	0	P = 0.02**

Table 16. Continued.

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[1]Equal to 11,520 acres (4608 ha) or 10.4 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

**Probability determined by Fisher's exact test so no test score is reported.

(Table 17). Field crops, forests, old fields, and rights-of-way increased significantly in acreage. Pastures, orchards, hedgerows, and the interspersion index decreased significantly.

Field crops increased in 41 of 57 sections as they expanded from 72.5 to 76.2 percent of the sampled area. Forest acreage was up in 23 of 35 sections and increased from 1.9 to 2.6 percent. Old-field vegetation increased in 25 sections, decreased in 16, and was stable in 1. Old fields covered 0.5 percent of the sample in 1939 but increased to 1.2 percent. Rights-of-way increased in 42 of 57 sections and from 1.5 to 1.8 percent of the sampled land.

Pastures declined in 50 of 56 sections and the area occupied by pasture fell from 17.1 to 11.2 percent of the sample. Orchards decreased in 11 of 13 sections but only changed from 0.05 to 0.01 percent of the sample. The average hedgerow length dropped (Table 19) as 37 sections showed hedgerow decreases, 15 displayed increases, and 5 did not change.

No wetlands were detected on the 1939 photographs but one section showed a wetland area of less than 1 acre (0.4 ha) in 1970. Permanent water decreased slightly in the sample area and no stripmined land was evident.

Non-habitat acreage increased from 4.8 to 5.6 percent of the sample and the change may have occurred over the entire county. Urban and "other" lands contributed most to the increase. The interspersion index decreased in 32 sections, increased in 15, and was stable in 9; consequently, the median value dropped from 13 to 12. Field crops and pasture varied inversely in 43 of 52 sections but in 40 of these sections pasture decreased while field crops increased.

Table 17. Land-use conditions and changes on 57 sample sections[1] in Stephenson County, Illinois, based on 1939 and 1970 aerial photographs.

Category	Percent of Sampled Area in Designated Use 1939	1970	Number of Sample Sections Showing Increase:Decrease: No Change:No Acreage	Z-score[2]	Probability[3]
Interspersion[4]	13	12	15:32:9:1	2.31	<0.05
Field Crops	72.54	76.22	41:12:4:0	4.01	<0.01
Pasture	17.07	11.17	6:50:0:1	5.98	<0.01
Forest	1.91	2.58	23:12:0:22	2.78	<0.01
Orchard	0.05	0.01	2:11:0:44	2.69	<0.01
Old Field	0.51	1.23	25:16:1:15	2.53	=0.01
Hedgerow	1.30	1.04	15:37:5:0	2.84	<0.01
Wetland	0.00	0.00	1:0:0:56	1.00	****
Water	0.30	0.28	5:7:2:43	0.82	****
Right-of-way	1.48	1.83	42:15:0:0	3.18	<0.01
Stripmined	0.00	0.00	0:0:0:57		
Non-habitat[5]	4.83	5.64	30:25:2:0	1.66	<0.10

Significant Dependencies		Increased	Decreased	X^2 = 4.44
Field Crops x Pasture	Increased	1	40	df = 1
	Decreased	3	8	P = 0.04

Table 17. Continued.

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[1]Equal to 36,480 acres (14,592 ha) or 10.1 percent of the county.

[2]Transformed statistic from the Wilcoxen Matched-pairs, Signed-ranks Test.

[3]Probability that a difference does not exist for the entire county. ****Probability greater than 10 percent.

[4]Interspersion is an index and is not measured in acres.

[5]Includes buildings, roads, railroads, urban areas, and miscellaneous areas.

DISCUSSION

Land-use Trends

The increasing human populations in Dupage and Lake counties contributed to some unique changes in land use. In Jo Daviess County land use was mainly limited by the rugged terrain and in the other study counties agricultural interests directed the use of most land. Despite these regional characteristics, some general trends were apparent for all counties (Table 18).

Except in northeastern Illinois, the percentage of land in field crops changed little (Table 7). However, the proportion of cropland devoted to small grains and hay dropped from 61 percent in 1940 to 35 percent in 1970. This transition was important because the diminishing field crops provided more of the cover required by many wildlife species than the corn and soybeans that replaced them.

The shift toward larger fields resulted in a decline in hedgerows (Table 19); because these ribbons of vegetation provide food, cover, and travel lanes their loss was significant to farm wildlife. Hedgerows increased in Jo Daviess County, where expansion of crop fields was limited by rough terrain, and in Dupage and Lake counties, where non-farm development usurped cropland. Changes in the interspersion index were similar to changes in hedgerows. In the intensively farmed counties interspersion of habitat types decreased while in the northeast and in Jo Daviess County interspersion increased.

In 1940 pastures were needed to support draft animals and other livestock; however, horses became obsolete and feedlots for cattle became more common. Consequently, by 1970 pasture acreage had declined

Table 18. Land-use trends in the eight northern Illinois study counties, 1940-1970.

Category	Dupage	Grundy	Henry	Jo Daviess	Lake	Lee	Putnam	Stephenson
Interspersion	+	-	--	+	++	-	+	--
Field Crops	--	-	++	+	--	++	+	++
Pasture	--	--	--	--	--	--	-	--
Forest	++	+	++	++	++	++	+	++
Orchard	--	--	--	--	+	-	-	--
Old Field	++	++	++	+	++	++	-	++
Hedgerow	+	-	--	++	++	--	--	--
Wetland	+	-	-	-	-	-	-	0
Water	++	++	++	++	++	++	+	-
Right-of-way	+	++	++	+	++	++	++	++
Stripmined	0	+	-	0	0	+	0	0
Non-habitat	++	+	+	++	++	+	+	+

[1]Based on a 10 percent sample of each county.
+ non-significant increase
++ significant increase (0.05 level of probability)
0 no acreage
- non-significant decrease
-- significant decrease (0.05 level of probability)

Table 19. Estimated length of hedgerow per section[1] in the eight northern Illinois study counties, ca 1940 and ca 1970.

County	Mean Miles (Kilometers) per Section		Percent Change
	ca 1940	ca 1970	
Dupage	1.84 (3.0)	2.31 (3.7)	+25.5
Grundy	2.15 (3.5)	1.72 (2.8)	-20.0
Henry	2.49 (4.0)	1.95 (3.1)	-21.7
Jo Daviess	1.22 (2.0)	1.47 (2.4)	+20.5
Lake	3.19 (5.1)	3.93 (6.3)	+23.2
Lee	1.81 (2.9)	1.18 (1.9)	-34.8
Putnam	5.02 (8.1)	3.72 (6.0)	-25.9
Stephenson	2.62 (4.2)	2.10 (3.4)	-19.9
Combined Eight County Area	2.30 (3.7)	2.08 (3.6)	- 9.6

[1]Obtained by using a conversion factor of 1,660 linear feet per acre (498 m/ 0.4 ha) of hedgerow (after Roseberry et al. 1975: 7-8).

substantially in all counties. Many pastures were abandoned and replaced by old-field vegetation. Old fields also increased when urbanization caused cropland to be abandoned. The gains in old fields favor many wildlife species; but, the benefits may be short-lived because old fields are often only temporarily set aside and even when permanently fallowed they are succeeded by woody vegetation.

Forest acreage increased considerably over the 30-year period but still occupied less than 10 percent of all but one county. Some of the increase resulted from reforestation of marginal cropland and abandoned pastures. In addition, the increasing value of timber encouraged more landowners to manage woodlands for selective timber harvest rather than opening them to grazing or clearing them for crops. Even though our sampling showed obvious increases in old fields and forests, trends could not be identified because samples represented only two points in time.

Although forest acreage increased, the change was not equal for all tree species or age classes. Most of the increase was in young stands or in trees of little economic importance. Mature trees and trees of quality wood sustained a greater proportion of the logging pressure and their numbers declined (Essex and Gansner 1965). This disparity was significant to wildlife because the mature trees provided most of the cavity dens and the fine wood trees were, in many cases, the good mast producing species.

In most counties orchards occupied only a small fraction of the land in 1940 and even less in 1970. Stripmined acreage represented only a small part of northern Illinois. Where stripmining did occur the effect on wildlife habitat depended on the reclamation effort.

Rights-of-way increased in all counties, particularly along new utility lines and interstate highways; they will probably continue to increase, but at a slower rate, as long as the number of people increases. If properly maintained, rights-of-way should provide productive wildlife habitat (Leedy 1975).

The total acreage of lakes, ponds, and streams increased due to the growing number of man-made water impoundments. At the same time, northern Illinois' wetlands continued to be lost to draining and filling. The artificial impoundments, if properly managed, may be of some compensation, in terms of wildlife habitat, to the loss of some natural wetlands.

By 1940 most of Illinois was transected by major highways plus a gridwork of county roads; therefore, except for interstate highways and city streets, few new roads were built. Road acreage did increase significantly in the northeastern counties in response to expanding business and residential areas. Railroad acreage declined slightly in most counties.

Urban acreage expanded in all counties but still occupied less than 1 percent of most sampled land except in the counties near Chicago. Sparse vegetation and the presence of humans restricted the use of urban areas by wildlife; yet, a surprising diversity of species might inhabit cities, especially the residential areas (Dagg 1970, Geis 1974). Land in the "other" category increased in nearly every county but represented only a small percentage of the total acreage except in Putnam County, where most of this acreage involved the Illinois River, and Dupage and Lake counties.

Farming will continue to be the major land use over most of northern Illinois because the land is fertile and tillable. Nevertheless, non-farm

development will grow along with the human population; and, without land-use controls, counties in the Chicago metropolitan area may soon have more urban land than farmland. The effect of this change on wildlife habitat is variable. Farmland does not inherently provide better quality habitat than land otherwise developed; habitat diversity depends, inversely, on how intensively the land is farmed or developed. Barren cropland has no higher carrying capacity for most forms of wildlife than urban streets or buildings. Conversely, a farm with hedgerows, old fields, woods, and a variety of crops can support many species, as can a city park if it has abundant and diverse vegetation.

In general, a diverse environment benefits the greatest number of wildlife species. In terms of diversity, wildlife habitat appeared to have improved between 1940 and 1970 in Jo Daviees, Lake, and Dupage counties. In the other counties, except perhaps Putnam, habitat diversity apparently decreased. Although the transition from farm to non-farm use contributed to increased habitat diversity in Dupage County, urbanization is becoming so extensive that the diversity of habitat types will surely decrease.

Probable Effects on Certain Wildlife Species

The impact of land-use changes on wildlife populations could be objectively determined only if corresponding changes in animal numbers were known; unfortunately, little information of this kind has been recorded in northern Illinois. Consequently, the effects reported for any species were only inferences based on the land-use changes discussed above and habitat requirements and population trends described in the literature. The groups or species of wildlife selected for discussion were chosen because pertinent information on their Illinois populations was available.

Preno and Labisky (1971) estimated from hunter questionnaires the mean harvest per hunter trip of mourning doves (Zenaida macroura), ring-necked pheasants (Phasianus colchius), bobwhite quail (Colinus virginianus), fox and gray squirrels (Sciurus niger and Sciurus carolinensis), and cottontail rabbits (Sylvilagus floridanus). Data were collected in each Illinois county from 1956 through 1969. The harvest of white-tailed deer (Odocoileus virginianus) in each county was recorded by Calhoun and Loomis (1974) for all open seasons from 1957 through 1973. The deer harvest in each study county was converted to harvest per square mile (2.6 km^2).

Because similar harvest information was not available for 1940, direct comparison with land-use changes was impossible. Nevertheless, the available harvest data were compared with the 1970 percentages of various land-use types in order to obtain some indication of the effect of land use on wildlife populations. Some conclusions might have been biased because the harvest may not have reflected the actual population levels.

Each study county was ranked according to the harvest data for the seven game species and by the percentage of field crops, pastures, and forests (Table 20). To further elucidate the land use-wildlife relationships, a Pearson correlation coefficient (Roscoe 1975:97-103) was calculated for the harvest data of each species and the percentage of the following land uses: field crops, pasture, forest, hedgerow, old field, urban, non-habitat, field crops and pasture combined, forest and old field combined, and hedgerow and old field combined. The interspersion index was also compared with the harvest figures. Although significant correlations indicated the harvest and land use varied similarily, they did not prove cause and effect relationships.

Table 20. Rank of each northern Illinois study county according to percentage of three land-use types[1], harvest per square mile (2.6 km^2) of deer[2], and harvest per hunter trip of five game species[3].

County	Land Use			Species Harvested					
	Field Crops	Pasture	Forest	Deer	Doves	Pheasants	Quail	Squirrels	Cottontails
Dupage	8	8	4	-	4.5	5	5.5	6	8
Grundy	3	7	7	6	6	1	4	7	4
Henry	2	3	6	5	3	8	1	3	1
Jo Daviess	6	1	3	1	8	6	2	2	6
Lake	7	5	2	-	2	3	5.5	8	7
Lee	1	6	8	4	1	2	3	4	3
Putnam	5	4	1	2	4.5	4	7	1	2
Stephenson	4	2	5	3	7	7	8	5	5

[1]Based on our study of ca 1970 aerial photographs.

[2]From the 1967 to 1970 hunting seasons. Source: Calhoun and Loomis (1973). (There is no deer season in Dupage and Lake counties.)

[3]Mean harvest per trip from 1956 to 1969. Source: Preno and Labisky (1971).

Mourning Doves. Mourning doves are distributed throughout northern Illinois and they rely heavily on agricultural crops and associated weeds for food (Hanson and Kossack 1963); however, the dove harvest per hunter trip in our sample counties did not vary with the percentage of field crops ($r = +.49$). Perhaps this was due to a lack of small grains and weed seeds or nesting and watering sites in the intensively farmed counties. Pasture provided poor habitat for doves and a significant negative correlation existed between the dove harvest per trip and the proportion of pasture in each county ($r = -.73$, $P = .04$).

Preno and Labisky (1971) felt that dove harvests per trip had declined slightly between 1956 and 1969 but that the number of breeding birds was stable during most of the 1960's. Unlike many wildlife species mourning doves can tolerate the sparse cover on large crop fields. They can also utilize man-made structures for roosting, feed on waste grain, and nest in the vegetation around suburban and rural buildings. Therefore, the northern Illinois dove population will probably not decrease substantially in the near future due to habitat loss.

Bobwhite Quail. The bobwhite harvest per hunter trip was not correlated with any land-use type. This was expected because bobwhites require highly interspersed habitat types rather than large tracts of one type. Vance (1976) found bobwhite populations in Jasper County declined when hedgerows and grassy areas were removed and when the interspersion of cover types was reduced.

Preno and Labisky (1971) found bobwhite populations in northern Illinois exhibited much smaller increases than shown by populations in southern and west-central Illinois. The general increase in forests and

old fields in the study counties probably benefited bobwhite populations and even the reduction in pastures may not have adversely affected them (Klimstra and Roseberry 1975). However, the loss of hedgerows and the increasing field size contributed, in most counties, to a decrease in habitat type interspersion and, probably, a decline in the carrying capacity for bobwhites.

Ring-necked Pheasants. Robertson (1958) reported pheasant abundance around 1950 to be as great in many parts of northern Illinois as in the east-central part of the state. However, Labisky (1969) reported that not only had pheasant numbers declined since 1940 but the northernmost counties had sustained proportionately greater losses than the rest of the range. No reason for a more severe decline in the northern counties was indicated.

Labisky et al. (1964) suggested that land use, nutrients, and weather were the greatest influences on pheasant abundance in Illinois; but, the pheasant harvest per trip was not significantly associated with any land-use type from our samples. Land-use changes not considered in the correlations may have been largely responsible for pheasant declines. For example, reductions of small grain and hay fields and loss of grassy cover were cited as the cause of pheasant declines in Iowa (Nomsen 1969). If "clean" farming practices become more extensive, rights-of-way may become prime sources of nesting cover for pheasants in northern Illinois as they have in parts of central Illinois (Joselyn and Tate 1972).

Cottontail Rabbits. The cottontail harvest per hunter trip was inversely related to the percentage of non-habitat acreage in the study counties ($r = -.81$, $P = .01$). However, this inverse relationship may not reflect the association between non-habitat acreage and actual

rabbit populations because most non-habitat acreage was used intensively by humans and was thus closed to hunting.

Cottontail harvest data were also likely associated with the combined acreage of field crops and pasture ($r = +.61$, $P = .11$). The same correlation was significant in southern Illinois (Roseberry et al. 1975). The harvests were not associated with field crops alone probably because counties with the greatest percentage of cropland did not have the most grassy and brushy cover. This vegetation provides essential cover and nesting sites for cottontails (Atzenhoffer and Leedy 1947, Friley 1955). In central Illinois, Hruska et al. (1976) found no correlation between the cottontail harvest per trip and the proportion of field crops and pasture.

Lord (1963) and Preno and Labisky (1969) felt Illinois cottontail populations were generally declining. Rose (1972) blamed certain land-use changes for the decline; specifically, the transition from small grains to row crops, increased field size due to destruction of hedgerows and grassy areas, reduced pastures and hayfields, and reforestation of old fields.

Squirrels. In southern and central Illinois the gray and fox squirrel harvests per hunter trip varied with the proportion of forest in each county (Roseberry et al. 1975, Hruska et al. 1976); but, in northern Illinois the squirrel harvest data were not associated with any land-use types. The poor correlation between forests and squirrels harvested per trip may have been due to wooded areas located in preserves or near residential districts in the urban counties. These areas raised the percentage of forests but, being closed to hunting, they did not augment the squirrel harvest. To illustrate, the two most densely populated counties, Lake and Dupage, ranked second and fourth in percentage of forest, yet

they ranked eighth and sixth, respectively, in squirrels harvested per hunter trip (Table 20). At the same time, two less densely populated counties had the highest and third-highest percentage of forest and were first and second in squirrels taken per trip (Table 20).

Even though our comparison did not show it, squirrel populations probably were highly correlated with forest acreage (Brown and Yeager 1945, Allen 1952). Squirrel abundance in Illinois apparently remained stable between 1956 and 1969 (Preno and Labisky 1971) despite increases in forest acreage; but, the extensive logging of mature trees may have restricted squirrel population increases. Reduction of burning and grazing in woodlots improved squirrel habitat on many farms but the widespread destruction of hedgerows along cropfields was probably detrimental, especially for fox squirrels (Brown and Yeager 1945).

White-tailed Deer. White-tailed deer readily use field crops as a food source and probably depend heavily upon them over most of Illinois (Calhoun and Loomis 1974). However, deer were not abundant when a high percentage of the land was used for crops. This was illustrated by the negative association between relative deer harvests in the study counties and the proportion of cropland ($r = -.91$, $P = .01$).

Pastures offered little food or cover for deer (Taylor 1956), yet harvests were significantly correlated with the percentage of pasture in each county ($r = +.96$, $P < .01$). The high correlation likely resulted from an indirect relation between pasture and some other condition affecting deer populations. For instance, because pasture and timber were often located on land not suitable for farming, areas with much pasture might also have had many woodlots to support a high deer population. The

poor correlation between forests and the deer harvest (r= +.53) may have been due to inaccurate ranking of the counties by percent forest based on our data. The deer harvest was significantly associated with the percentage of forest (r = +.90, P = .03) when calculated with Forest Service estimates (Essex and Gansner 1965:23).

The number of white-tailed deer has increased throughout Illinois since the species began to repopulate the state in the early part of this century (Pietsch 1954, Calhoun and Loomis 1974). Because of their mobility, deer have been less adversely affected by increasing field sizes and removal of hedgerows than many other forms of wildlife; and, the increases in old fields and young forests have probably improved much land for deer.

Non-game Birds. Graber and Graber (1963) censused bird populations in 1956-1958 over the same Illinois areas that A. O. Gross, H. A. King, and S. Forbes censused in 1906-1909. They found changes in the abundance of certain species but little difference in the total number of individuals. Birds which could adapt to urban areas, rural buildings, or cropland generally increased in number while many other species decreased.

Habitats were ranked by Graber and Graber (1963) in order of decreasing breeding bird populations as follows: urban residential area, marsh, shrub, orchard, hay, forest, grassland, small grain, row crop, and plowed field. Ranked according to avian species diversity the habitats were forest, shrub, orchard, urban residential area, marsh, grassland, hay, small grain, row crops, and plowed land. Cropland, which was by far the most common land-use type in northern Illinois, obviously did not support many bird species unless it was interspersed with other habitat types.

The populations of many bird species probably increased between 1940 and 1970 in Dupage and Lake counties as a result of the decrease in cropland and the increase in forests, old fields, hedgerows, residential areas, and the interspersion index. Even though forest and old-field vegetation increased in the other counties, avian diversity may well have decreased because of the reduction of hedgerows and the decline in habitat interspersion.

Waterfowl. The Mississippi and Illinois rivers are important migratory corridors for waterfowl of the Mississippi flyway (Bellrose 1976). Mills et al. (1966) stated that man's alteration of the Illinois River, principally from pollution and manipulation of water level, had greatly reduced the number of diving ducks and some dabbling ducks that use the river. Duck populations along the Mississippi River apparently fared better during the same period. Our study, which measured the water area only twice, could not determine permanent changes because water levels of the rivers and their backwater lakes fluctuate widely between seasons and years.

Although much of the prairie region of northern Illinois once contained potholes, most of the land was drained before 1940 (Benson and Bellrose 1964). The northeastern counties, particularly Lake County, contain glacial lakes and wetlands used by nesting waterfowl; but, they are not as extensive as the prairie potholes of the north-central states (Bellrose 1976). The wetlands in our Lake County sample decreased by about 15 percent; and, although wetland acreage for the entire county may have changed differently, wetland nesting sites for waterfowl probably declined between 1940 and 1970. Artificial water impoundments, which increased in most counties, may have offset the loss of some wetland habitat.

SUMMARY

Land-use changes in eight counties in northern Illinois were determined from ca 1940 and ca 1970 aerial photographs. The counties were selected so as to best represent the natural and agricultural regions of the northern third of the state. Using one square mile (2.6 km) sections as the sample units, a 10 percent random sample was taken in each county.

A dot grid was used to estimate acreage from aerial photographs of the sample sections. Land use was classified as one of the following types: field crops, pasture, forest, orchard, old field, hedgerow, wetland, building, road, railroad, water, right-of-way, urban, stripmined, and other. The building, road, railroad, urban, and "other" types were grouped into a composite non-habitat category. An index of habitat interspersion was also calculated. Estimates of the human population, farm density, land use acreage, and wildlife populations were obtained from a variety of government sources.

The human population density in the study counties increased between 1940 and 1970. Urban and rural non-farm residents increased greatly while farm populations dropped. The average farm size increased in nearly all counties. Acreage estimates of forests, water, stripmines, orchards, field crops, and pastures from the present study were compared with estimates from government surveys and censuses. Our estimates of water and field crops compared well with those of the other sources but forest, pasture, stripmined, and orchard acreage showed poorer agreement.

The changes in land use in each county were discussed. Land use in Dupage and Lake counties was similar due to the rapidly expanding human

populations. Agricultural practices directed land use in most other counties. Rugged terrain limited farming practices in Jo Daviess County.

The amount of cropland changed little, except in the northeastern counties, but soybeans and corn replaced small grains and hay as the major crops. Hedgerows decreased, except in Jo Daviess, Lake, and Dupage counties, as did the index of habitat interspersion.

Pasture declined in all counties and forests and old fields increased in nearly every county. Orchards and wetlands covered only small portions of most counties in 1940 and even smaller areas in 1970. Permanent water increased in all but one county and most additions were small man-made impoundments. Rights-of-way and non-habitat acreage increased in all counties. Most of the non-habitat increase came from urban and "other" land. Stripmined acreage increased in two of three counties.

The effects of land-use changes on certain wildlife species were inferred from the land use data presented and information (mainly harvest data) on the Illinois populations of each species. Mourning doves and white-tailed deer have apparently adapted well to man's use of the land. Bobwhite quail, ring-necked pheasants, and cottontail rabbits have probably been adversely affected. The most serious changes for these species has been the destruction of hedgerows and the subsequent increase in crop field size and decrease in habitat interspersion.

According to harvest figures, squirrel populations have remained relatively stable. Squirrel abundance is probably associated with the percentage of forest acreage. Non-game birds have likely changed little in total number of individuals; but, land use changes have altered the abundance of certain species. Waterfowl numbers along the Illinois River have apparently declined. Wetland habitat in northern Illinois decreased; however, artificial impoundments may have provided compensation for some wetland losses.

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APPENDICES

APPENDIX A

ACREAGES OF EACH LAND-USE CATEGORY IN THE SAMPLE SECTIONS OF INDIVIDUAL COUNTIES

TABLE 1. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	INTSF INDEX 1939	1967	CHANGE
1	381	91	5	12.000	18.000	6.000
1	381	91	9	5.000	9.000	4.000
1	381	91	19	26.000	21.000	-5.000
1	381	91	23	10.000	14.000	4.000
1	381	91	28	6.000	8.000	2.000
1	381	101	16	12.000	14.000	2.000
1	381	111	10	31.000	2.000	-29.000
1	381	111	12	8.000	0.0	-8.000
1	391	91	16	17.000	23.000	6.000
1	391	91	20	8.000	7.000	-1.000
1	391	101	5	14.000	17.000	3.000
1	391	101	7	23.000	18.000	-5.000
1	391	101	9	7.000	8.000	1.000
1	391	101	12	17.000	25.000	8.000
1	391	101	14	15.000	1.000	-14.000
1	391	111	8	20.000	2.000	-18.000
1	391	111	15	19.000	2.000	-17.000
1	391	111	18	15.000	0.0	-15.000
1	391	111	27	12.000	16.000	4.000
1	391	111	29	20.000	21.000	1.000
1	391	111	31	24.000	33.000	9.000
1	391	111	33	11.000	16.000	5.000
1	401	91	10	7.000	13.000	6.000
1	401	91	18	5.000	8.000	3.000
1	401	91	24	8.000	10.000	2.000
1	401	91	30	13.000	15.000	2.000
1	401	91	35	14.000	27.000	13.000
1	401	101	1	10.000	19.000	9.000
1	401	101	16	7.000	12.000	5.000
1	401	101	22	8.000	19.000	11.000
1	401	101	25	24.000	30.000	6.000
1	401	111	7	14.000	21.000	7.000
1	401	111	16	25.000	26.000	1.000
1	401	111	22	17.000	28.000	11.000

TABLE 2. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1939	1967	CHANGE
1	381	91	5	541.875	451.250	-90.625
1	381	91	9	590.625	501.875	-88.750
1	381	91	19	535.625	501.875	-33.750
1	381	91	23	561.250	488.125	-73.125
1	381	91	28	580.000	564.375	-15.625
1	381	101	16	447.500	410.625	-36.875
1	381	111	10	71.875	0.0	-71.875
1	381	111	12	221.250	0.0	-221.250
1	391	91	16	528.750	375.625	-153.125
1	391	91	20	549.375	588.750	39.375
1	391	101	5	511.875	392.500	-119.375
1	391	101	7	398.125	454.375	56.250
1	391	101	9	296.875	35.000	-261.875
1	391	101	12	33.750	0.0	-33.750
1	391	101	14	189.375	26.875	-162.500
1	391	111	8	5.625	0.0	-5.625
1	391	111	15	425.000	6.250	-418.750
1	391	111	18	405.625	56.250	-349.375
1	391	111	27	368.750	70.625	-298.125
1	391	111	29	468.125	130.000	-338.125
1	391	111	31	514.375	300.000	-214.375
1	391	111	33	300.000	311.875	11.875
1	401	91	10	536.875	273.125	-263.750
1	401	91	18	584.375	557.500	-26.875
1	401	91	24	495.000	546.875	51.875
1	401	91	30	488.125	248.750	-239.375
1	401	91	35	265.625	263.125	-2.500
1	401	101	1	503.750	363.750	-140.000
1	401	101	16	567.500	326.875	-240.625
1	401	101	22	555.625	520.000	-35.625
1	401	101	25	555.000	369.375	-185.625
1	401	111	7	366.250	273.750	-92.500
1	401	111	16	266.250	103.125	-163.125
1	401	111	22	132.500	51.875	-80.625

TABLE 3. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
1	381	91	5	38.750	23.125	-15.625
1	381	91	9	6.875	0.0	-6.875
1	381	91	19	31.250	11.250	-20.000
1	381	91	23	29.375	0.0	-29.375
1	381	91	28	26.250	12.500	-13.750
1	381	101	16	85.000	47.500	-37.500
1	381	111	10	0.0	0.0	0.0
1	381	111	12	15.000	0.0	-15.000
1	391	91	16	43.125	20.625	-22.500
1	391	91	20	58.125	10.625	-47.500
1	391	101	5	68.750	0.0	-68.750
1	391	101	7	126.250	0.0	-126.250
1	391	101	9	141.250	4.375	-136.875
1	391	101	12	51.250	0.0	-51.250
1	391	101	14	4.375	0.0	-4.375
1	391	111	8	0.0	0.0	0.0
1	391	111	15	13.750	0.0	-13.750
1	391	111	18	58.750	0.0	-58.750
1	391	111	27	109.375	0.0	-109.375
1	391	111	29	70.000	6.875	-63.125
1	391	111	31	43.750	23.125	-20.625
1	391	111	33	43.750	0.0	-43.750
1	401	91	10	70.625	20.625	-50.000
1	401	91	18	20.000	3.125	-16.875
1	401	91	24	90.625	8.750	-81.875
1	401	91	30	17.500	4.375	-13.125
1	401	91	35	305.625	36.875	-268.750
1	401	101	1	73.750	13.750	-60.000
1	401	101	16	38.125	5.000	-33.125
1	401	101	22	45.000	0.0	-45.000
1	401	101	25	27.500	10.000	-17.500
1	401	111	7	122.500	8.125	-114.375
1	401	111	16	75.625	0.0	-75.625
1	401	111	22	43.750	0.0	-43.750

TABLE 4. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	FOREST 1939	FOREST 1967	FOREST CHANGE
1	381	91	5	0.0	0.0	0.0
1	381	91	9	0.0	6.875	6.875
1	381	91	19	0.0	0.625	0.625
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	4.375	4.375
1	381	101	16	15.000	43.125	28.125
1	381	111	10	1.875	1.250	-0.625
1	381	111	12	0.0	0.0	0.0
1	391	91	16	0.0	5.625	5.625
1	391	91	20	0.0	0.0	0.0
1	391	101	5	0.0	0.0	0.0
1	391	101	7	16.875	28.750	11.875
1	391	101	9	0.0	8.750	8.750
1	391	101	12	51.875	103.750	51.875
1	391	101	14	0.0	0.0	0.0
1	391	111	8	0.0	0.0	0.0
1	391	111	15	0.0	3.750	3.750
1	391	111	18	3.750	2.500	-1.250
1	391	111	27	17.500	42.500	25.000
1	391	111	29	0.625	5.000	4.375
1	391	111	31	20.000	31.875	11.875
1	391	111	33	10.625	31.875	21.250
1	401	91	10	0.0	25.625	25.625
1	401	91	18	0.0	0.0	0.0
1	401	91	24	0.0	0.0	0.0
1	401	91	30	0.0	1.875	1.875
1	401	91	35	0.0	107.500	107.500
1	401	101	1	0.0	8.125	8.125
1	401	101	16	0.625	1.250	0.625
1	401	101	22	1.250	0.625	-0.625
1	401	101	25	0.0	1.250	1.250
1	401	111	7	3.125	11.250	8.125
1	401	111	16	38.125	51.875	13.750
1	401	111	22	369.375	323.125	-46.250

TABLE 5. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
1	381	91	5	0.0	0.0	0.0
1	381	91	9	0.0	0.0	0.0
1	381	91	19	27.500	20.625	-6.875
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	6.875	5.625	-1.250
1	381	111	10	0.0	0.0	0.0
1	381	111	12	1.875	0.0	-1.875
1	391	91	16	0.0	0.0	0.0
1	391	91	20	0.0	0.0	0.0
1	391	101	5	0.0	0.0	0.0
1	391	101	7	0.0	2.500	2.500
1	391	101	9	43.750	0.0	-43.750
1	391	101	12	0.0	0.0	0.0
1	391	101	14	11.250	0.0	-11.250
1	391	111	8	0.0	0.0	0.0
1	391	111	15	8.125	0.0	-8.125
1	391	111	18	6.250	0.0	-6.250
1	391	111	27	2.500	0.0	-2.500
1	391	111	29	0.625	0.0	-0.625
1	391	111	31	11.250	8.750	-2.500
1	391	111	33	3.750	1.250	-2.500
1	401	91	10	1.250	0.0	-1.250
1	401	91	18	0.0	0.0	0.0
1	401	91	24	0.0	0.0	0.0
1	401	91	30	0.0	0.0	0.0
1	401	91	35	0.0	0.0	0.0
1	401	101	1	1.875	0.0	-1.875
1	401	101	16	1.250	0.625	-0.625
1	401	101	22	1.250	0.0	-1.250
1	401	101	25	1.250	0.625	-0.625
1	401	111	7	1.250	0.625	-0.625
1	401	111	16	0.0	0.0	0.0
1	401	111	22	0.0	0.0	0.0

TABLE 6. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	OLD FIELD 1939	1967	CHANGE
1	381	91	5	0.0	43.750	43.750
1	381	91	9	1.250	0.0	-1.250
1	381	91	19	5.000	5.625	0.625
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	3.750	3.125	-0.625
1	381	111	10	201.250	3.750	-197.500
1	381	111	12	37.500	0.0	-37.500
1	391	91	16	0.0	113.750	113.750
1	391	91	20	0.625	0.0	-0.625
1	391	101	5	0.0	79.375	79.375
1	391	101	7	17.500	63.750	46.250
1	391	101	9	44.375	46.250	1.875
1	391	101	12	63.750	28.750	-35.000
1	391	101	14	1.875	3.750	1.875
1	391	111	8	91.250	0.625	-90.625
1	391	111	15	60.625	41.875	-18.750
1	391	111	18	1.250	18.125	16.875
1	391	111	27	1.875	94.375	92.500
1	391	111	29	0.0	81.250	81.250
1	391	111	31	8.750	95.625	86.875
1	391	111	33	168.125	65.000	-103.125
1	401	91	10	0.0	158.125	158.125
1	401	91	18	0.0	30.625	30.625
1	401	91	24	0.625	6.250	5.625
1	401	91	30	28.125	32.500	4.375
1	401	91	35	0.625	70.625	70.000
1	401	101	1	0.0	34.375	34.375
1	401	101	16	0.0	45.625	45.625
1	401	101	22	0.0	31.250	31.250
1	401	101	25	0.0	65.625	65.625
1	401	111	7	10.625	56.875	46.250
1	401	111	16	12.500	70.625	58.125
1	401	111	22	45.625	50.625	5.000

TABLE 7. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	HEDGEROW 1939	1967	CHANGE
1	381	91	5	8.125	15.625	7.500
1	381	91	9	4.375	11.875	7.500
1	381	91	19	10.000	10.625	0.625
1	381	91	23	6.250	8.125	1.875
1	381	91	28	8.750	9.375	0.625
1	381	101	16	3.750	7.500	3.750
1	381	111	10	13.125	0.0	-13.125
1	381	111	12	5.000	0.0	-5.000
1	391	91	16	3.125	8.125	5.000
1	391	91	20	3.750	5.000	1.250
1	391	101	5	1.875	7.500	5.625
1	391	101	7	11.250	5.625	-5.625
1	391	101	9	9.375	5.625	-3.750
1	391	101	12	15.000	11.875	-3.125
1	391	101	14	7.500	0.0	-7.500
1	391	111	8	1.250	1.875	0.625
1	391	111	15	4.375	4.375	0.0
1	391	111	18	6.875	0.625	-6.250
1	391	111	27	6.250	8.125	1.875
1	391	111	29	1.250	3.750	2.500
1	391	111	31	11.250	14.375	3.125
1	391	111	33	5.625	3.750	-1.875
1	401	91	10	2.500	15.625	13.125
1	401	91	18	2.500	2.500	0.0
1	401	91	24	0.625	0.625	0.0
1	401	91	30	3.125	8.125	5.000
1	401	91	35	3.750	10.000	6.250
1	401	101	1	1.250	9.375	8.125
1	401	101	16	6.875	8.125	1.250
1	401	101	22	6.250	7.500	1.250
1	401	101	25	8.125	15.000	6.875
1	401	111	7	10.625	20.000	9.375
1	401	111	16	3.750	4.375	0.625
1	401	111	22	1.875	5.000	3.125

TABLE 8. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
1	381	91	5	0.625	0.0	-0.625
1	381	91	9	18.750	28.125	9.375
1	381	91	19	0.0	1.250	1.250
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	21.875	10.625	-11.250
1	381	111	10	0.0	11.250	11.250
1	381	111	12	8.125	0.0	-8.125
1	391	91	16	15.000	6.250	-8.750
1	391	91	20	0.0	0.0	0.0
1	391	101	5	13.750	20.000	6.250
1	391	101	7	6.875	4.375	-2.500
1	391	101	9	0.0	0.0	0.0
1	391	101	12	86.875	56.875	-30.000
1	391	101	14	2.500	1.875	-0.625
1	391	111	8	3.125	0.0	-3.125
1	391	111	15	66.875	68.750	1.875
1	391	111	18	0.0	0.0	0.0
1	391	111	27	13.750	7.500	-6.250
1	391	111	29	1.250	3.125	1.875
1	391	111	31	5.625	8.750	3.125
1	391	111	33	0.0	10.625	10.625
1	401	91	10	8.125	11.875	3.750
1	401	91	18	2.500	1.250	-1.250
1	401	91	24	26.250	51.250	25.000
1	401	91	30	0.625	1.875	1.250
1	401	91	35	5.625	21.250	15.625
1	401	101	1	38.750	47.500	8.750
1	401	101	16	1.250	18.125	16.875
1	401	101	22	0.0	6.875	6.875
1	401	101	25	9.375	20.000	10.625
1	401	111	7	0.0	0.0	0.0
1	401	111	16	0.625	0.0	-0.625
1	401	111	22	5.000	5.625	0.625

TABLE 9. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1939	1967	CHANGE
1	381	91	5	16.250	17.500	1.250
1	381	91	9	8.750	11.875	3.125
1	381	91	19	17.500	68.125	50.625
1	381	91	23	21.250	21.250	0.0
1	381	91	28	10.625	10.000	-0.625
1	381	101	16	10.625	6.875	-3.750
1	381	111	10	36.250	0.0	-36.250
1	381	111	12	11.250	0.0	-11.250
1	391	91	16	8.125	31.250	23.125
1	391	91	20	11.875	11.875	0.0
1	391	101	5	10.625	52.500	41.875
1	391	101	7	31.875	10.625	-21.250
1	391	101	9	33.125	4.375	-28.750
1	391	101	12	28.750	22.500	-6.250
1	391	101	14	23.750	0.0	-23.750
1	391	111	8	8.750	0.0	-8.750
1	391	111	15	18.125	25.625	7.500
1	391	111	18	15.625	5.000	-10.625
1	391	111	27	9.375	19.375	10.000
1	391	111	29	14.375	20.000	5.625
1	391	111	31	10.625	20.000	9.375
1	391	111	33	11.250	23.750	12.500
1	401	91	10	6.875	11.250	4.375
1	401	91	18	23.125	8.750	-14.375
1	401	91	24	13.125	11.875	-1.250
1	401	91	30	11.875	71.250	59.375
1	401	91	35	11.875	45.625	33.750
1	401	101	1	9.375	26.875	17.500
1	401	101	16	16.250	21.250	5.000
1	401	101	22	13.125	46.250	33.125
1	401	101	25	15.625	35.625	20.000
1	401	111	7	23.125	13.750	-9.375
1	401	111	16	20.000	1.250	-18.750
1	401	111	22	6.250	21.875	15.625

TABLE 10. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1939	1967	CHANGE
1	381	91	5	7.500	17.500	10.000
1	381	91	9	3.125	1.875	-1.250
1	381	91	19	8.750	13.750	5.000
1	381	91	23	15.000	12.500	-2.500
1	381	91	28	3.750	3.750	0.0
1	381	101	16	3.125	7.500	4.375
1	381	111	10	26.875	56.875	30.000
1	381	111	12	34.375	56.875	22.500
1	391	91	16	15.000	10.625	-4.375
1	391	91	20	7.500	6.875	-0.625
1	391	101	5	11.875	14.375	2.500
1	391	101	7	4.375	31.250	26.875
1	391	101	9	8.750	32.500	23.750
1	391	101	12	25.625	18.750	-6.875
1	391	101	14	31.250	45.625	14.375
1	391	111	8	46.875	51.250	4.375
1	391	111	15	12.500	35.625	23.125
1	391	111	18	7.500	50.000	42.500
1	391	111	27	12.500	20.625	8.125
1	391	111	29	5.625	21.875	16.250
1	391	111	31	8.125	21.250	13.125
1	391	111	33	4.375	10.625	6.250
1	401	91	10	4.375	20.625	16.250
1	401	91	18	0.625	3.125	2.500
1	401	91	24	1.875	3.750	1.875
1	401	91	30	9.375	17.500	8.125
1	401	91	35	15.000	11.250	-3.750
1	401	101	1	1.250	6.250	5.000
1	401	101	16	3.750	5.625	1.875
1	401	101	22	5.625	11.875	6.250
1	401	101	25	5.625	7.500	1.875
1	401	111	7	7.500	21.250	13.750
1	401	111	16	7.500	15.000	7.500
1	401	111	22	8.750	18.750	10.000

TABLE 11. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	RAILROAD 1939	1967	CHANGE
1	381	91	5	1.250	2.500	1.250
1	381	91	9	0.0	0.0	0.0
1	381	91	19	0.0	0.0	0.0
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	0.0	0.0	0.0
1	381	111	10	6.875	6.250	-0.625
1	381	111	12	3.125	3.125	0.0
1	391	91	16	0.0	0.0	0.0
1	391	91	20	0.0	0.0	0.0
1	391	101	5	1.250	3.125	1.875
1	391	101	7	6.875	0.0	-6.875
1	391	101	9	0.0	0.0	0.0
1	391	101	12	3.750	1.875	-1.875
1	391	101	14	0.0	0.0	0.0
1	391	111	8	5.625	4.375	-1.250
1	391	111	15	0.0	0.0	0.0
1	391	111	18	0.0	0.0	0.0
1	391	111	27	0.0	0.0	0.0
1	391	111	29	0.0	0.0	0.0
1	391	111	31	0.0	0.0	0.0
1	391	111	33	0.0	0.0	0.0
1	401	91	10	1.250	2.500	1.250
1	401	91	18	0.625	0.625	0.0
1	401	91	24	0.0	0.0	0.0
1	401	91	30	0.0	0.0	0.0
1	401	91	35	1.250	2.500	1.250
1	401	101	1	1.250	1.250	0.0
1	401	101	16	0.0	0.0	0.0
1	401	101	22	0.0	0.0	0.0
1	401	101	25	3.125	4.375	1.250
1	401	111	7	4.375	4.375	0.0
1	401	111	16	0.0	0.0	0.0
1	401	111	22	0.0	0.0	0.0

TABLE 12. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1939	WATER 1967	WATER CHANGE
1	381	91	5	0.0	0.0	0.0
1	381	91	9	0.0	0.0	0.0
1	381	91	19	0.0	0.0	0.0
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	0.0	0.625	0.625
1	381	111	10	0.0	0.0	0.0
1	381	111	12	0.0	0.0	0.0
1	391	91	16	1.875	5.625	3.750
1	391	91	20	0.0	0.0	0.0
1	391	101	5	0.0	0.625	0.625
1	391	101	7	0.0	0.0	0.0
1	391	101	9	4.375	6.250	1.875
1	391	101	12	6.875	23.125	16.250
1	391	101	14	0.0	0.0	0.0
1	391	111	8	0.0	0.0	0.0
1	391	111	15	0.0	0.0	0.0
1	391	111	18	0.0	0.0	0.0
1	391	111	27	0.625	2.500	1.875
1	391	111	29	0.0	3.125	3.125
1	391	111	31	0.0	0.0	0.0
1	391	111	33	0.0	0.0	0.0
1	401	91	10	0.0	1.250	1.250
1	401	91	18	0.0	22.500	22.500
1	401	91	24	0.0	0.0	0.0
1	401	91	30	0.0	0.0	0.0
1	401	91	35	1.250	3.750	2.500
1	401	101	1	0.0	0.0	0.0
1	401	101	16	0.0	1.250	1.250
1	401	101	22	0.0	0.0	0.0
1	401	101	25	0.0	0.0	0.0
1	401	111	7	0.0	1.250	1.250
1	401	111	16	5.625	3.125	-2.500
1	401	111	22	0.0	0.0	0.0

TABLE 13. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1939	1967	CHANGE
1	381	91	5	25.625	45.625	20.000
1	381	91	9	6.250	3.125	-3.125
1	381	91	19	4.375	6.250	1.875
1	381	91	23	6.875	7.500	0.625
1	381	91	28	10.625	35.625	25.000
1	381	101	16	4.375	8.750	4.375
1	381	111	10	28.125	8.125	-20.000
1	381	111	12	15.000	5.625	-9.375
1	391	91	16	25.000	26.250	1.250
1	391	91	20	8.750	12.500	3.750
1	391	101	5	20.000	18.125	-1.875
1	391	101	7	20.000	3.125	-16.875
1	391	101	9	3.750	0.0	-3.750
1	391	101	12	23.125	13.750	-9.375
1	391	101	14	1.875	0.0	-1.875
1	391	111	8	5.000	5.000	0.0
1	391	111	15	11.250	6.250	-5.000
1	391	111	18	6.875	2.500	-4.375
1	391	111	27	14.375	46.250	31.875
1	391	111	29	29.375	53.750	24.375
1	391	111	31	6.250	33.125	26.875
1	391	111	33	3.750	3.125	-0.625
1	401	91	10	8.125	5.625	-2.500
1	401	91	18	6.250	7.500	1.250
1	401	91	24	11.875	10.625	-1.250
1	401	91	30	19.375	17.500	-1.875
1	401	91	35	29.375	21.250	-8.125
1	401	101	1	8.750	8.125	-0.625
1	401	101	16	4.375	8.750	4.375
1	401	101	22	11.875	15.625	3.750
1	401	101	25	14.375	12.500	-1.875
1	401	111	7	22.500	14.375	-8.125
1	401	111	16	6.250	4.375	-1.875
1	401	111	22	6.875	6.875	0.0

TABLE 14. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	URBAN 1939	1967	CHANGE
1	381	91	5	0.0	0.0	0.0
1	381	91	9	0.0	74.375	74.375
1	381	91	19	0.0	0.0	0.0
1	381	91	23	0.0	102.500	102.500
1	381	91	28	0.0	0.0	0.0
1	381	101	16	0.0	0.0	0.0
1	381	111	10	252.500	550.625	298.125
1	381	111	12	287.500	518.750	231.250
1	391	91	16	0.0	36.250	36.250
1	391	91	20	0.0	4.375	4.375
1	391	101	5	0.0	0.0	0.0
1	391	101	7	0.0	34.375	34.375
1	391	101	9	45.625	474.375	428.750
1	391	101	12	3.125	101.250	98.125
1	391	101	14	366.250	561.875	195.625
1	391	111	8	472.500	576.875	104.375
1	391	111	15	13.125	409.375	396.250
1	391	111	18	70.625	505.000	434.375
1	391	111	27	0.0	78.750	78.750
1	391	111	29	0.0	66.875	66.875
1	391	111	31	0.0	83.125	83.125
1	391	111	33	0.0	89.375	89.375
1	401	91	10	0.0	38.750	38.750
1	401	91	18	0.0	0.0	0.0
1	401	91	24	0.0	0.0	0.0
1	401	91	30	0.0	0.0	0.0
1	401	91	35	0.0	0.0	0.0
1	401	101	1	0.0	68.750	68.750
1	401	101	16	0.0	7.500	7.500
1	401	101	22	0.0	0.0	0.0
1	401	101	25	0.0	42.500	42.500
1	401	111	7	68.125	181.875	113.750
1	401	111	16	120.625	276.250	155.625
1	401	111	22	0.0	132.500	132.500

TABLE 15. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
1	381	91	5	0.0	23.125	23.125
1	381	91	9	0.0	0.0	0.0
1	381	91	19	0.0	0.0	0.0
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	38.125	88.125	50.000
1	381	111	10	1.250	1.875	0.625
1	381	111	12	0.0	55.625	55.625
1	391	91	16	0.0	0.0	0.0
1	391	91	20	0.0	0.0	0.0
1	391	101	5	0.0	51.875	51.875
1	391	101	7	0.0	1.250	1.250
1	391	101	9	8.750	22.500	13.750
1	391	101	12	246.250	257.500	11.250
1	391	101	14	0.0	0.0	0.0
1	391	111	8	0.0	0.0	0.0
1	391	111	15	6.250	38.125	31.875
1	391	111	18	56.875	0.0	-56.875
1	391	111	27	83.125	249.375	166.250
1	391	111	29	48.750	244.375	195.625
1	391	111	31	0.0	0.0	0.0
1	391	111	33	88.750	88.750	0.0
1	401	91	10	0.0	55.000	55.000
1	401	91	18	0.0	2.500	2.500
1	401	91	24	0.0	0.0	0.0
1	401	91	30	61.875	236.250	174.375
1	401	91	35	0.0	46.250	46.250
1	401	101	1	0.0	51.875	51.875
1	401	101	16	0.0	190.000	190.000
1	401	101	22	0.0	0.0	0.0
1	401	101	25	0.0	55.625	55.625
1	401	111	7	0.0	32.500	32.500
1	401	111	16	83.125	110.000	26.875
1	401	111	22	20.000	23.750	3.750

TABLE 16. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1939	1967	CHANGE
1	381	91	5	0.0	0.0	0.0
1	381	91	9	0.0	0.0	0.0
1	381	91	19	0.0	0.0	0.0
1	381	91	23	0.0	0.0	0.0
1	381	91	28	0.0	0.0	0.0
1	381	101	16	0.0	0.0	0.0
1	381	111	10	0.0	0.0	0.0
1	381	111	12	0.0	0.0	0.0
1	391	91	16	0.0	0.0	0.0
1	391	91	20	0.0	0.0	0.0
1	391	101	5	0.0	0.0	0.0
1	391	101	7	0.0	0.0	0.0
1	391	101	9	0.0	0.0	0.0
1	391	101	12	0.0	0.0	0.0
1	391	101	14	0.0	0.0	0.0
1	391	111	8	0.0	0.0	0.0
1	391	111	15	0.0	0.0	0.0
1	391	111	18	0.0	0.0	0.0
1	391	111	27	0.0	0.0	0.0
1	391	111	29	0.0	0.0	0.0
1	391	111	31	0.0	0.0	0.0
1	391	111	33	0.0	0.0	0.0
1	401	91	10	0.0	0.0	0.0
1	401	91	18	0.0	0.0	0.0
1	401	91	24	0.0	0.0	0.0
1	401	91	30	0.0	0.0	0.0
1	401	91	35	0.0	0.0	0.0
1	401	101	1	0.0	0.0	0.0
1	401	101	16	0.0	0.0	0.0
1	401	101	22	0.0	0.0	0.0
1	401	101	25	0.0	0.0	0.0
1	401	111	7	0.0	0.0	0.0
1	401	111	16	0.0	0.0	0.0
1	401	111	22	0.0	0.0	0.0

TABLE 17. SAMPLE SECTIONS AND LAND USE DATA

DUPAGE COUNTY

COUNTY	TWP	RNG	SECTION	NON-HABITAT 1939	1967	CHANGE
1	381	91	5	25.000	60.625	35.625
1	381	91	9	11.875	88.125	76.250
1	381	91	19	26.250	81.875	55.625
1	381	91	23	36.250	136.250	100.000
1	381	91	28	14.375	13.750	-0.625
1	381	101	16	51.875	102.500	50.625
1	381	111	10	323.750	615.625	291.875
1	381	111	12	336.250	634.375	298.125
1	391	91	16	23.125	78.125	55.000
1	391	91	20	19.375	23.125	3.750
1	391	101	5	23.750	121.875	98.125
1	391	101	7	43.125	77.500	34.375
1	391	101	9	96.250	533.750	437.500
1	391	101	12	307.500	401.875	94.375
1	391	101	14	421.250	607.500	186.250
1	391	111	8	533.750	632.500	98.750
1	391	111	15	50.000	508.750	458.750
1	391	111	18	150.625	560.000	409.375
1	391	111	27	105.000	368.125	263.125
1	391	111	29	68.750	353.125	284.375
1	391	111	31	18.750	124.375	105.625
1	391	111	33	104.375	212.500	108.125
1	401	91	10	12.500	128.125	115.625
1	401	91	18	24.375	15.000	-9.375
1	401	91	24	15.000	15.625	0.625
1	401	91	30	83.125	325.000	241.875
1	401	91	35	28.125	105.625	77.500
1	401	101	1	11.875	155.000	143.125
1	401	101	16	20.000	224.375	204.375
1	401	101	22	18.750	58.125	39.375
1	401	101	25	24.375	145.625	121.250
1	401	111	7	103.125	253.750	150.625
1	401	111	16	231.250	402.500	171.250
1	401	111	22	35.000	196.875	161.875

TABLE 18. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	INTSF INDEX 1940	1967	CHANGE
2	311	61	2	11.000	12.000	1.000
2	311	61	17	4.000	1.000	-3.000
2	311	61	30	6.000	6.000	0.0
2	311	71	23	10.000	6.000	-4.000
2	311	71	31	4.000	3.000	-1.000
2	311	81	9	25.000	12.000	-13.000
2	311	81	14	25.000	25.000	0.0
2	311	81	17	7.000	2.000	-5.000
2	321	61	11	7.000	8.000	1.000
2	321	61	22	14.000	13.000	-1.000
2	321	61	34	11.000	4.000	-7.000
2	321	71	1	20.000	22.000	2.000
2	321	71	6	8.000	9.000	1.000
2	321	71	15	14.000	8.000	-6.000
2	321	71	18	16.000	14.000	-2.000
2	321	71	21	16.000	14.000	-2.000
2	321	71	24	14.000	13.000	-1.000
2	321	71	31	12.000	4.000	-8.000
2	321	71	35	15.000	15.000	0.0
2	321	81	5	9.000	11.000	2.000
2	321	81	16	8.000	4.000	-4.000
2	321	81	23	20.000	12.000	-8.000
2	321	81	34	11.000	16.000	5.000
2	331	61	4	2.000	1.000	-1.000
2	331	61	6	1.000	5.000	4.000
2	331	61	19	14.000	20.000	6.000
2	331	61	21	21.000	12.000	-9.000
2	331	61	23	16.000	15.000	-1.000
2	331	81	6	17.000	20.000	3.000
2	331	81	17	11.000	16.000	5.000
2	331	81	22	8.000	10.000	2.000
2	331	81	31	14.000	12.000	-2.000
2	341	61	3	10.000	11.000	1.000
2	341	61	12	6.000	6.000	0.0
2	341	61	14	6.000	4.000	-2.000
2	341	61	17	6.000	0.0	-6.000
2	341	61	35	7.000	11.000	4.000
2	341	71	22	7.000	2.000	-5.000
2	341	71	31	13.000	12.000	-1.000
2	341	81	2	9.000	11.000	2.000
2	341	81	4	7.000	10.000	3.000
2	341	81	18	19.000	25.000	6.000
2	341	81	32	21.000	17.000	-4.000

TABLE 19. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1940	1967	CHANGE
2	311	61	2	546.250	547.500	1.250
2	311	61	17	610.625	593.125	-17.500
2	311	61	30	566.875	606.250	39.375
2	311	71	23	595.625	606.875	11.250
2	311	71	31	615.000	621.875	6.875
2	311	81	9	495.625	473.125	-22.500
2	311	81	14	504.375	475.625	-28.750
2	311	81	17	601.250	596.250	-5.000
2	321	61	11	606.875	613.125	6.250
2	321	61	22	578.125	571.875	-6.250
2	321	61	34	611.250	605.000	-6.250
2	321	71	1	466.875	491.250	24.375
2	321	71	6	491.875	483.750	-8.125
2	321	71	15	540.000	552.500	12.500
2	321	71	18	614.375	616.875	2.500
2	321	71	21	495.625	438.750	-56.875
2	321	71	24	536.250	563.125	26.875
2	321	71	31	537.500	578.125	40.625
2	321	71	35	548.125	575.625	27.500
2	321	81	5	523.125	600.000	76.875
2	321	81	16	601.875	617.500	15.625
2	321	81	23	376.875	425.625	48.750
2	321	81	34	472.750	443.125	-30.625
2	331	61	4	608.125	610.625	2.500
2	331	61	6	591.250	592.500	1.250
2	331	61	19	345.000	468.125	123.125
2	331	61	21	294.375	386.250	91.875
2	331	61	23	480.625	483.750	3.125
2	331	81	6	418.125	438.125	20.000
2	331	81	17	251.250	260.625	9.375
2	331	81	22	411.875	0.0	-411.875
2	331	81	31	577.500	601.875	24.375
2	341	61	3	581.875	604.375	22.500
2	341	61	12	581.875	591.875	10.000
2	341	61	14	606.875	616.250	9.375
2	341	61	17	601.875	611.250	9.375
2	341	61	35	551.875	528.750	-23.125
2	341	71	22	613.125	619.375	6.250
2	341	71	31	441.875	419.375	-22.500
2	341	81	2	553.750	531.250	-22.500
2	341	81	4	481.250	470.000	-11.250
2	341	81	18	399.375	300.000	-99.375
2	341	81	32	381.250	377.500	-3.750

TABLE 20. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	PASTURE 1940	1967	CHANGE
2	311	61	2	60.000	48.750	-11.250
2	311	61	17	0.0	22.500	22.500
2	311	61	30	35.000	0.0	-35.000
2	311	71	23	0.0	0.0	0.0
2	311	71	31	5.000	0.0	-5.000
2	311	81	9	0.0	1.250	1.250
2	311	81	14	31.250	31.250	0.0
2	311	81	17	0.0	0.0	0.0
2	321	61	11	7.500	1.250	-6.250
2	321	61	22	21.250	0.0	-21.250
2	321	61	34	0.0	0.0	0.0
2	321	71	1	98.125	40.000	-58.125
2	321	71	6	120.625	108.750	-11.875
2	321	71	15	54.375	25.625	-28.750
2	321	71	18	0.0	0.0	0.0
2	321	71	21	13.750	8.750	-5.000
2	321	71	24	56.250	4.375	-51.875
2	321	71	31	52.500	13.750	-38.750
2	321	71	35	45.000	16.875	-28.125
2	321	81	5	68.750	0.0	-68.750
2	321	81	16	1.875	0.0	-1.875
2	321	81	23	111.250	16.875	-94.375
2	321	81	34	41.875	0.0	-41.875
2	331	61	4	14.375	11.875	-2.500
2	331	61	6	20.000	16.875	-3.125
2	331	61	19	15.625	18.125	2.500
2	331	61	21	101.875	22.500	-79.375
2	331	61	23	100.625	75.625	-25.000
2	331	81	6	83.125	50.625	-32.500
2	331	81	17	316.250	0.0	-316.250
2	331	81	22	50.625	0.0	-50.625
2	331	81	31	28.750	10.000	-18.750
2	341	61	3	0.0	0.0	0.0
2	341	61	12	24.375	13.750	-10.625
2	341	61	14	0.625	0.0	-0.625
2	341	61	17	5.000	5.000	0.0
2	341	61	35	63.750	0.0	-63.750
2	341	71	22	3.125	0.0	-3.125
2	341	71	31	103.125	53.750	-49.375
2	341	81	2	29.375	46.875	17.500
2	341	81	4	122.500	30.625	-91.875
2	341	81	18	130.000	91.875	-38.125
2	341	81	32	6.250	0.0	-6.250

TABLE 21. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	FOREST 1940	FOREST 1967	FOREST CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	0.0	0.0	0.0
2	311	81	14	10.625	39.375	28.750
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.0	0.0	0.0
2	321	61	22	5.000	7.500	2.500
2	321	61	34	0.0	0.0	0.0
2	321	71	1	16.250	45.625	29.375
2	321	71	6	18.125	26.250	8.125
2	321	71	15	0.0	5.625	5.625
2	321	71	18	0.0	0.0	0.0
2	321	71	21	0.0	0.0	0.0
2	321	71	24	2.500	5.625	3.125
2	321	71	31	0.0	8.750	8.750
2	321	71	35	0.0	0.625	0.625
2	321	81	5	0.0	0.625	0.625
2	321	81	16	0.0	0.0	0.0
2	321	81	23	1.250	1.250	0.0
2	321	81	34	43.750	65.625	21.875
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	1.250	13.125	11.875
2	331	61	21	60.000	114.375	54.375
2	331	61	23	23.125	14.375	-8.750
2	331	81	6	20.625	44.375	23.750
2	331	81	17	0.0	0.0	0.0
2	331	81	22	13.750	2.500	-11.250
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	36.250	0.0	-36.250
2	341	81	2	0.0	1.250	1.250
2	341	81	4	5.000	23.125	18.125
2	341	81	18	64.375	80.625	16.250
2	341	81	32	68.750	40.625	-28.125

TABLE 22. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY — ORCHARD

COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	0.0	0.0	0.0
2	311	81	14	1.875	0.0	-1.875
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.625	0.0	-0.625
2	321	61	22	0.625	0.0	-0.625
2	321	61	34	0.0	0.0	0.0
2	321	71	1	0.0	0.0	0.0
2	321	71	6	0.0	0.0	0.0
2	321	71	15	0.0	0.0	0.0
2	321	71	18	0.0	0.0	0.0
2	321	71	21	0.0	0.0	0.0
2	321	71	24	0.0	0.0	0.0
2	321	71	31	0.0	0.0	0.0
2	321	71	35	0.625	1.250	0.625
2	321	81	5	0.0	0.0	0.0
2	321	81	16	0.0	0.0	0.0
2	321	81	23	0.0	0.0	0.0
2	321	81	34	1.250	0.625	-0.625
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	0.0	0.0	0.0
2	331	61	21	0.625	0.0	-0.625
2	331	61	23	0.0	0.0	0.0
2	331	81	6	0.0	0.0	0.0
2	331	81	17	0.625	0.0	-0.625
2	331	81	22	0.0	0.0	0.0
2	331	81	31	2.500	0.0	-2.500
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	1.250	0.0	-1.250
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	0.0	0.0	0.0
2	341	81	2	0.0	0.0	0.0
2	341	81	4	0.0	0.0	0.0
2	341	81	18	0.0	0.0	0.0
2	341	81	32	0.0	0.0	0.0

TABLE 23. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	CLC FIELD 1940	1967	CHANGE
2	311	61	2	0.0	5.625	5.625
2	311	61	17	0.0	0.0	0.0
2	311	61	30	6.250	0.0	-6.250
2	311	71	23	9.375	8.750	-0.625
2	311	71	31	2.500	0.0	-2.500
2	311	81	9	1.250	15.000	13.750
2	311	81	14	30.625	18.125	-12.500
2	311	81	17	0.0	0.625	0.625
2	321	61	11	0.0	0.0	0.0
2	321	61	22	0.625	20.000	19.375
2	321	61	34	0.0	0.0	0.0
2	321	71	1	6.875	13.125	6.250
2	321	71	6	3.750	11.875	8.125
2	321	71	15	0.0	14.375	14.375
2	321	71	18	0.0	0.0	0.0
2	321	71	21	0.625	28.750	28.125
2	321	71	24	12.500	24.375	11.875
2	321	71	31	1.875	2.500	0.625
2	321	71	35	0.0	0.0	0.0
2	321	81	5	3.125	4.375	1.250
2	321	81	16	4.375	1.250	-3.125
2	321	81	23	49.375	70.000	20.625
2	321	81	34	3.125	27.500	24.375
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.625	0.625
2	331	61	19	26.875	44.375	17.500
2	331	61	21	108.125	44.375	-63.750
2	331	61	23	4.375	43.125	38.750
2	331	81	6	30.000	25.000	-5.000
2	331	81	17	0.0	128.750	128.750
2	331	81	22	23.125	26.250	3.125
2	331	81	31	0.0	0.0	0.0
2	341	61	3	27.500	5.000	-22.500
2	341	61	12	6.875	8.750	1.875
2	341	61	14	3.125	3.125	0.0
2	341	61	17	1.250	0.0	-1.250
2	341	61	35	0.0	49.375	49.375
2	341	71	22	0.0	0.625	0.625
2	341	71	31	8.125	70.000	61.875
2	341	81	2	6.875	4.375	-2.500
2	341	81	4	4.375	31.250	26.875
2	341	81	18	8.125	97.500	89.375
2	341	81	32	75.625	111.875	36.250

TABLE 24. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	HEDGEROW 1940	HEDGEROW 1967	HEDGEROW CHANGE
2	311	61	2	6.875	13.125	6.250
2	311	61	17	3.750	1.250	-2.500
2	311	61	30	10.000	11.875	1.875
2	311	71	23	11.250	8.750	-2.500
2	311	71	31	1.875	1.875	0.0
2	311	81	9	1.875	1.250	-0.625
2	311	81	14	6.250	7.500	1.250
2	311	81	17	2.500	1.250	-1.250
2	321	61	11	1.250	1.875	0.625
2	321	61	22	15.000	20.000	5.000
2	321	61	34	5.625	1.250	-4.375
2	321	71	1	11.250	11.875	0.625
2	321	71	6	1.875	2.500	0.625
2	321	71	15	7.500	4.375	-3.125
2	321	71	18	6.250	5.625	-0.625
2	321	71	21	11.250	6.875	-4.375
2	321	71	24	15.625	15.000	-0.625
2	321	71	31	16.875	1.875	-15.000
2	321	71	35	10.000	11.250	1.250
2	321	81	5	1.875	1.250	-0.625
2	321	81	16	10.000	3.750	-6.250
2	321	81	23	5.625	1.250	-4.375
2	321	81	34	13.750	15.625	1.875
2	331	61	4	2.500	0.625	-1.875
2	331	61	6	3.125	8.125	5.000
2	331	61	19	5.000	6.250	1.250
2	331	61	21	0.625	0.0	-0.625
2	331	61	23	11.250	6.875	-4.375
2	331	81	6	10.625	5.625	-5.000
2	331	81	17	6.250	6.250	0.0
2	331	81	22	1.250	2.500	1.250
2	331	81	31	6.875	3.750	-3.125
2	341	61	3	6.875	8.125	1.250
2	341	61	12	2.500	3.125	0.625
2	341	61	14	8.125	0.0	-8.125
2	341	61	17	6.875	0.0	-6.875
2	341	61	35	5.625	5.000	-0.625
2	341	71	22	8.750	5.000	-3.750
2	341	71	31	4.375	3.750	-0.625
2	341	81	2	6.875	6.875	0.0
2	341	81	4	5.000	5.000	0.0
2	341	81	18	5.000	6.250	1.250
2	341	81	22	8.125	0.625	-7.500

TABLE 25. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1940	1967	CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	0.0	0.0	0.0
2	311	81	14	0.0	0.0	0.0
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.0	0.0	0.0
2	321	61	22	0.0	0.0	0.0
2	321	61	34	0.0	0.0	0.0
2	321	71	1	0.0	0.0	0.0
2	321	71	6	0.0	0.0	0.0
2	321	71	15	0.0	0.0	0.0
2	321	71	18	0.0	0.0	0.0
2	321	71	21	0.0	0.0	0.0
2	321	71	24	0.0	0.0	0.0
2	321	71	31	0.0	0.0	0.0
2	321	71	35	0.0	0.0	0.0
2	321	81	5	0.0	0.0	0.0
2	321	81	16	0.0	0.0	0.0
2	321	81	23	1.250	0.0	-1.250
2	321	81	34	0.0	0.0	0.0
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	217.500	72.500	-145.000
2	331	61	21	5.625	1.250	-4.375
2	331	61	23	0.0	0.0	0.0
2	331	81	6	0.625	1.250	0.625
2	331	81	17	0.0	0.0	0.0
2	331	81	22	0.0	0.0	0.0
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	0.0	0.0	0.0
2	341	81	2	0.0	0.0	0.0
2	341	81	4	0.0	0.0	0.0
2	341	81	18	0.0	0.0	0.0
2	341	81	32	14.375	19.375	5.000

TABLE 26. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1940	1967	CHANGE
2	311	61	2	7.500	6.250	-1.250
2	311	61	17	11.250	11.875	0.625
2	311	61	30	3.125	4.375	1.250
2	311	71	23	11.250	7.500	-3.750
2	311	71	31	1.875	1.250	-0.625
2	311	81	9	13.125	10.625	-2.500
2	311	81	14	6.875	8.125	1.250
2	311	81	17	6.250	4.375	-1.875
2	321	61	11	10.000	8.125	-1.875
2	321	61	22	8.750	7.500	-1.250
2	321	61	34	9.375	11.250	1.875
2	321	71	1	10.000	7.500	-2.500
2	321	71	6	1.875	2.500	0.625
2	321	71	15	12.500	13.750	1.250
2	321	71	18	7.500	4.375	-3.125
2	321	71	21	6.875	2.500	-4.375
2	321	71	24	4.375	4.375	0.0
2	321	71	31	16.875	19.375	2.500
2	321	71	35	15.000	11.875	-3.125
2	321	81	5	8.750	7.500	-1.250
2	321	81	16	1.250	2.500	1.250
2	321	81	23	11.250	9.375	-1.875
2	321	81	34	8.125	10.000	1.875
2	331	61	4	9.375	9.375	0.0
2	331	61	6	15.625	10.625	-5.000
2	331	61	19	6.875	3.125	-3.750
2	331	61	21	7.500	3.750	-3.750
2	331	61	23	8.750	4.375	-4.375
2	331	81	6	5.625	5.000	-0.625
2	331	81	17	5.625	1.875	-3.750
2	331	81	22	5.625	0.0	-5.625
2	331	81	31	7.500	10.625	3.125
2	341	61	3	13.125	9.375	-3.750
2	341	61	12	13.750	9.375	-4.375
2	341	61	14	7.500	5.625	-1.875
2	341	61	17	16.250	15.000	-1.250
2	341	61	35	10.000	8.125	-1.875
2	341	71	22	6.875	3.750	-3.125
2	341	71	31	5.625	7.500	1.875
2	341	81	2	5.000	8.125	3.125
2	341	81	4	3.125	20.625	17.500
2	341	81	18	13.125	9.375	-3.750
2	341	81	32	5.625	5.000	-0.625

TABLE 27. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1940	1967	CHANGE
2	311	61	2	5.625	4.375	-1.250
2	311	61	17	6.250	5.000	-1.250
2	311	61	30	3.125	5.000	1.875
2	311	71	23	5.625	3.125	-2.500
2	311	71	31	3.125	6.875	3.750
2	311	81	9	28.125	24.375	-3.750
2	311	81	14	8.750	8.125	-0.625
2	311	81	17	9.375	11.250	1.875
2	321	61	11	6.250	3.750	-2.500
2	321	61	22	3.125	3.750	0.625
2	321	61	34	3.750	3.125	-0.625
2	321	71	1	7.500	6.250	-1.250
2	321	71	6	0.625	1.250	0.625
2	321	71	15	7.500	3.125	-4.375
2	321	71	18	4.375	4.375	0.0
2	321	71	21	10.625	13.750	3.125
2	321	71	24	4.375	6.250	1.875
2	321	71	31	6.250	4.375	-1.875
2	321	71	35	4.375	5.000	0.625
2	321	81	5	6.875	5.625	-1.250
2	321	81	16	5.000	4.375	-0.625
2	321	81	23	5.000	18.125	13.125
2	321	81	34	12.500	16.250	3.750
2	331	61	4	3.125	2.500	-0.625
2	331	61	6	5.000	3.125	-1.875
2	331	61	19	5.625	4.375	-1.250
2	331	61	21	1.250	2.500	1.250
2	331	61	23	6.875	5.000	-1.875
2	331	81	6	3.750	1.875	-1.875
2	331	81	17	6.875	5.000	-1.875
2	331	81	22	3.750	3.750	0.0
2	331	81	31	7.500	3.750	-3.750
2	341	61	3	3.750	3.125	-0.625
2	341	61	12	3.750	3.125	-0.625
2	341	61	14	6.250	4.375	-1.875
2	341	61	17	3.125	5.000	1.875
2	341	61	35	5.000	16.875	11.875
2	341	71	22	1.875	3.750	1.875
2	341	71	31	5.000	18.750	13.750
2	341	81	2	5.000	10.000	5.000
2	341	81	4	6.875	21.875	15.000
2	341	81	18	11.250	18.125	6.875
2	341	81	22	3.125	2.500	-0.625

TABLE 28. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	RAILROAD 1940	1967	CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	2.500	3.125	0.625
2	311	81	14	0.0	0.0	0.0
2	311	81	17	2.500	3.750	1.250
2	321	61	11	0.0	0.0	0.0
2	321	61	22	0.0	0.0	0.0
2	321	61	34	3.125	2.500	-0.625
2	321	71	1	0.0	0.0	0.0
2	321	71	6	0.0	0.0	0.0
2	321	71	15	2.500	3.125	0.625
2	321	71	18	0.0	0.0	0.0
2	321	71	21	5.000	6.250	1.250
2	321	71	24	0.0	0.0	0.0
2	321	71	31	0.0	0.0	0.0
2	321	71	35	0.0	0.0	0.0
2	321	81	5	0.0	0.0	0.0
2	321	81	16	0.0	0.0	0.0
2	321	81	23	3.125	2.500	-0.625
2	321	81	34	3.125	5.000	1.875
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	0.0	0.0	0.0
2	331	61	21	0.0	0.0	0.0
2	331	61	23	0.0	0.0	0.0
2	331	81	6	0.0	0.0	0.0
2	331	81	17	0.0	0.0	0.0
2	331	81	22	2.500	0.0	-2.500
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	0.0	0.0	0.0
2	341	81	2	5.000	6.250	1.250
2	341	81	4	0.0	0.0	0.0
2	341	81	18	0.0	0.0	0.0
2	341	81	22	0.0	0.0	0.0

TABLE 29. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1940	1967	CHANGE
2	311	61	2	5.625	5.625	0.0
2	311	61	17	0.0	0.625	0.625
2	311	61	30	6.875	1.875	-5.000
2	311	71	23	0.625	0.625	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	0.0	0.0	0.0
2	311	81	14	4.375	14.375	10.000
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.625	0.625	0.0
2	321	61	22	2.500	2.500	0.0
2	321	61	34	0.0	0.0	0.0
2	321	71	1	10.000	13.750	3.750
2	321	71	6	1.250	1.875	0.625
2	321	71	15	1.875	1.875	0.0
2	321	71	18	1.250	1.250	0.0
2	321	71	21	3.750	3.125	-0.625
2	321	71	24	2.500	5.625	3.125
2	321	71	31	2.500	3.125	0.625
2	321	71	35	3.125	3.750	0.625
2	321	81	5	0.0	0.0	0.0
2	321	81	16	0.0	0.0	0.0
2	321	81	23	0.0	2.500	2.500
2	321	81	34	9.375	10.625	1.250
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	6.875	4.375	-2.500
2	331	61	21	0.0	0.0	0.0
2	331	61	23	0.0	0.0	0.0
2	331	81	6	0.0	0.0	0.0
2	331	81	17	0.625	51.875	51.250
2	331	81	22	6.250	91.875	85.625
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	8.750	10.625	1.875
2	341	81	2	0.0	0.0	0.0
2	341	81	4	7.500	8.125	0.625
2	341	81	18	2.500	4.375	1.875
2	341	81	32	3.125	3.125	0.0

TABLE 30. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1940	1967	CHANGE
2	311	61	2	8.125	8.750	0.625
2	311	61	17	8.125	5.625	-2.500
2	311	61	30	8.750	10.625	1.875
2	311	71	23	6.250	4.375	-1.875
2	311	71	31	10.625	8.125	-2.500
2	311	81	9	28.750	31.250	2.500
2	311	81	14	5.000	3.750	-1.250
2	311	81	17	18.125	22.500	4.375
2	321	61	11	6.875	11.250	4.375
2	321	61	22	5.000	6.875	1.875
2	321	61	34	6.875	16.875	10.000
2	321	71	1	13.125	10.625	-2.500
2	321	71	6	0.0	1.250	1.250
2	321	71	15	13.750	15.625	1.875
2	321	71	18	6.250	7.500	1.250
2	321	71	21	13.750	11.250	-2.500
2	321	71	24	5.625	11.250	5.625
2	321	71	31	5.625	8.125	2.500
2	321	71	35	10.625	11.250	0.625
2	321	81	5	15.000	11.875	-3.125
2	321	81	16	15.625	10.625	-5.000
2	321	81	23	20.625	40.625	20.000
2	321	81	34	29.375	45.625	16.250
2	331	61	4	2.500	5.000	2.500
2	331	61	6	5.000	8.125	3.125
2	331	61	19	9.375	5.625	-3.750
2	331	61	21	1.875	4.375	2.500
2	331	61	23	4.375	6.875	2.500
2	331	81	6	2.500	5.625	3.125
2	331	81	17	6.250	3.750	-2.500
2	331	81	22	0.0	24.375	24.375
2	331	81	31	9.375	10.000	0.625
2	341	61	3	6.875	10.000	3.125
2	341	61	12	6.875	10.000	3.125
2	341	61	14	7.500	10.625	3.125
2	341	61	17	4.375	3.750	-0.625
2	341	61	35	3.750	31.875	28.125
2	341	71	22	6.250	7.500	1.250
2	341	71	31	4.375	33.750	29.375
2	341	81	2	28.125	25.000	-3.125
2	341	81	4	4.375	29.375	25.000
2	341	81	18	6.250	31.875	25.625
2	341	81	32	1.250	7.500	6.250

TABLE 31. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	URBAN 1940	1967	CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	68.750	80.000	11.250
2	311	81	14	13.750	18.125	4.375
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.0	0.0	0.0
2	321	61	22	0.0	0.0	0.0
2	321	61	34	0.0	0.0	0.0
2	321	71	1	0.0	0.0	0.0
2	321	71	6	0.0	0.0	0.0
2	321	71	15	0.0	0.0	0.0
2	321	71	18	0.0	0.0	0.0
2	321	71	21	68.125	98.125	30.000
2	321	71	24	0.0	0.0	0.0
2	321	71	31	0.0	0.0	0.0
2	321	71	35	0.0	0.0	0.0
2	321	81	5	0.0	0.0	0.0
2	321	81	16	0.0	0.0	0.0
2	321	81	23	0.0	0.0	0.0
2	321	81	34	0.0	0.0	0.0
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	0.0	0.0	0.0
2	331	61	21	0.0	0.0	0.0
2	331	61	23	0.0	0.0	0.0
2	331	81	6	0.0	0.0	0.0
2	331	81	17	0.0	0.0	0.0
2	331	81	22	15.625	0.0	-15.625
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	0.0	0.0	0.0
2	341	81	2	0.0	0.0	0.0
2	341	81	4	0.0	0.0	0.0
2	341	81	18	0.0	0.0	0.0
2	341	81	32	0.0	0.0	0.0

TABLE 32. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	0.0	0.0	0.0
2	311	81	14	16.250	15.625	-0.625
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.0	0.0	0.0
2	321	61	22	0.0	0.0	0.0
2	321	61	34	0.0	0.0	0.0
2	321	71	1	0.0	0.0	0.0
2	321	71	6	0.0	0.0	0.0
2	321	71	15	0.0	0.0	0.0
2	321	71	18	0.0	0.0	0.0
2	321	71	21	10.625	21.875	11.250
2	321	71	24	0.0	0.0	0.0
2	321	71	31	0.0	0.0	0.0
2	321	71	35	3.125	2.500	-0.625
2	321	81	5	12.500	8.750	-3.750
2	321	81	16	0.0	0.0	0.0
2	321	81	23	54.375	51.875	-2.500
2	321	81	34	0.0	0.0	0.0
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	0.0	0.0	0.0
2	331	61	21	58.125	60.625	2.500
2	331	61	23	0.0	0.0	0.0
2	331	81	6	65.000	62.500	-2.500
2	331	81	17	11.875	0.0	-11.875
2	331	81	22	0.0	0.0	0.0
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	22.500	22.500	0.0
2	341	81	2	0.0	0.0	0.0
2	341	81	4	0.0	0.0	0.0
2	341	81	18	0.0	0.0	0.0
2	341	81	32	72.500	71.875	-0.625

TABLE 33. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1940	1967	CHANGE
2	311	61	2	0.0	0.0	0.0
2	311	61	17	0.0	0.0	0.0
2	311	61	30	0.0	0.0	0.0
2	311	71	23	0.0	0.0	0.0
2	311	71	31	0.0	0.0	0.0
2	311	81	9	0.0	0.0	0.0
2	311	81	14	0.0	0.0	0.0
2	311	81	17	0.0	0.0	0.0
2	321	61	11	0.0	0.0	0.0
2	321	61	22	0.0	0.0	0.0
2	321	61	34	0.0	0.0	0.0
2	321	71	1	0.0	0.0	0.0
2	321	71	6	0.0	0.0	0.0
2	321	71	15	0.0	0.0	0.0
2	321	71	18	0.0	0.0	0.0
2	321	71	21	0.0	0.0	0.0
2	321	71	24	0.0	0.0	0.0
2	321	71	31	0.0	0.0	0.0
2	321	71	35	0.0	0.0	0.0
2	321	81	5	0.0	0.0	0.0
2	321	81	16	0.0	0.0	0.0
2	321	81	23	0.0	0.0	0.0
2	321	81	34	0.0	0.0	0.0
2	331	61	4	0.0	0.0	0.0
2	331	61	6	0.0	0.0	0.0
2	331	61	19	0.0	0.0	0.0
2	331	61	21	0.0	0.0	0.0
2	331	61	23	0.0	0.0	0.0
2	331	81	6	0.0	0.0	0.0
2	331	81	17	34.375	181.875	147.500
2	331	81	22	105.625	488.750	383.125
2	331	81	31	0.0	0.0	0.0
2	341	61	3	0.0	0.0	0.0
2	341	61	12	0.0	0.0	0.0
2	341	61	14	0.0	0.0	0.0
2	341	61	17	0.0	0.0	0.0
2	341	61	35	0.0	0.0	0.0
2	341	71	22	0.0	0.0	0.0
2	341	71	31	0.0	0.0	0.0
2	341	81	2	0.0	0.0	0.0
2	341	81	4	0.0	0.0	0.0
2	341	81	18	0.0	0.0	0.0
2	341	81	32	0.0	0.0	0.0

TABLE 34. SAMPLE SECTIONS AND LAND USE DATA

GRUNDY COUNTY

COUNTY	TWP	RNG	SECTION	NON-HABITAT 1940	1967	CHANGE
2	311	61	2	13.125	10.625	-2.500
2	311	61	17	17.500	16.875	-0.625
2	311	61	30	6.250	9.375	3.125
2	311	71	23	16.875	10.625	-6.250
2	311	71	31	5.000	8.125	3.125
2	311	81	9	112.500	118.125	5.625
2	311	81	14	45.625	50.000	4.375
2	311	81	17	18.125	19.375	1.250
2	321	61	11	16.250	11.875	-4.375
2	321	61	22	11.875	11.250	-0.625
2	321	61	34	16.250	16.875	0.625
2	321	71	1	17.500	13.750	-3.750
2	321	71	6	2.500	3.750	1.250
2	321	71	15	22.500	20.000	-2.500
2	321	71	18	11.875	8.750	-3.125
2	321	71	21	101.250	142.500	41.250
2	321	71	24	8.750	10.625	1.875
2	321	71	31	23.125	23.750	0.625
2	321	71	35	22.500	19.375	-3.125
2	321	81	5	28.125	21.875	-6.250
2	321	81	16	6.250	6.875	0.625
2	321	81	23	73.750	81.875	8.125
2	321	81	34	23.750	31.250	7.500
2	321	61	4	12.500	11.875	-0.625
2	331	61	6	20.625	13.750	-6.875
2	331	61	19	12.500	7.500	-5.000
2	331	61	21	66.875	66.875	0.0
2	331	61	23	15.625	9.375	-6.250
2	331	81	6	74.375	69.375	-5.000
2	331	81	17	24.375	6.875	-17.500
2	331	81	22	27.500	3.750	-23.750
2	331	81	31	15.000	14.375	-0.625
2	341	61	3	16.875	12.500	-4.375
2	341	61	12	17.500	12.500	-5.000
2	341	61	14	13.750	10.000	-3.750
2	341	61	17	19.375	20.000	0.625
2	341	61	35	15.000	25.000	10.000
2	341	71	22	8.750	7.500	-1.250
2	341	71	31	33.125	48.750	15.625
2	341	81	2	15.000	24.375	9.375
2	341	81	4	10.000	42.500	32.500
2	341	81	19	24.375	27.500	3.125
2	341	81	32	81.250	79.375	-1.875

TABLE 35. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	INTSP INDEX 1938	1970	CHANGE
3	181	11	36	22.000	22.000	0.0
3	181	21	29	21.000	14.000	-7.000
3	181	21	33	19.000	24.000	5.000
3	181	21	35	18.000	19.000	1.000
3	181	31	3	10.000	21.000	11.000
3	181	31	18	17.000	14.000	-3.000
3	181	31	36	9.000	5.000	-4.000
3	181	41	3	11.000	11.000	0.0
3	181	41	32	8.000	10.000	2.000
3	181	51	5	9.000	9.000	0.0
3	181	51	10	12.000	13.000	1.000
3	181	51	17	15.000	12.000	-3.000
3	181	51	22	14.000	12.000	-2.000
3	181	51	29	12.000	13.000	1.000
3	171	11	15	19.000	16.000	-3.000
3	171	11	32	11.000	11.000	0.0
3	171	11	35	10.000	10.000	0.0
3	171	21	1	11.000	11.000	0.0
3	171	21	7	20.000	11.000	-9.000
3	171	21	10	29.000	32.000	3.000
3	171	21	16	8.000	11.000	3.000
3	171	31	4	18.000	16.000	-2.000
3	171	31	11	22.000	23.000	1.000
3	171	31	24	9.000	7.000	-2.000
3	171	41	2	9.000	8.000	-1.000
3	171	41	8	26.000	18.000	-8.000
3	171	41	10	10.000	12.000	2.000
3	171	41	20	11.000	8.000	-3.000
3	171	51	12	14.000	13.000	-1.000
3	171	51	15	12.000	15.000	3.000
3	171	51	17	12.000	11.000	-1.000
3	171	51	26	14.000	11.000	-3.000
3	171	51	31	9.000	10.000	1.000
3	161	21	3	15.000	14.000	-1.000
3	161	21	8	12.000	10.000	-2.000
3	161	21	12	5.000	1.000	-4.000
3	161	21	18	14.000	5.000	-9.000
3	161	21	33	7.000	4.000	-3.000
3	161	31	5	8.000	4.000	-4.000
3	161	31	10	13.000	5.000	-8.000
3	161	31	13	8.000	9.000	1.000
3	161	31	19	22.000	14.000	-8.000
3	161	31	23	14.000	8.000	-6.000
3	161	31	27	18.000	6.000	-12.000
3	161	31	29	9.000	9.000	0.0
3	161	31	36	4.000	7.000	3.000
3	161	41	14	12.000	17.000	5.000
3	161	41	27	8.000	8.000	0.0
3	161	51	9	7.000	4.000	-3.000
3	161	51	17	5.000	0.0	-5.000

TABLE 35. CONTINUED

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	INTSP INDEX 1938	1970	CHANGE
3	161	51	30	8.000	6.000	-2.000
3	151	11	6	6.000	7.000	1.000
3	151	11	27	10.000	4.000	-6.000
3	151	11	30	9.000	4.000	-5.000
3	151	21	2	13.000	6.000	-7.000
3	151	21	8	18.000	18.000	0.0
3	151	21	18	7.000	6.000	-1.000
3	151	21	22	17.000	13.000	-4.000
3	151	21	34	14.000	12.000	-2.000
3	151	31	5	11.000	9.000	-2.000
3	151	31	21	9.000	5.000	-4.000
3	151	31	27	5.000	7.000	2.000
3	151	31	31	15.000	11.000	-4.000
3	151	41	18	7.000	6.000	-1.000
3	151	41	25	11.000	11.000	0.0
3	151	41	28	11.000	8.000	-3.000
3	151	51	3	12.000	14.000	2.000
3	151	51	24	4.000	6.000	2.000
3	151	51	35	11.000	11.000	0.0
3	141	11	4	10.000	4.000	-6.000
3	141	11	23	10.000	7.000	-3.000
3	141	11	30	9.000	7.000	-2.000
3	141	21	4	20.000	10.000	-10.000
3	141	21	27	8.000	5.000	-3.000
3	141	21	32	6.000	7.000	1.000
3	141	31	14	19.000	19.000	0.0
3	141	31	30	11.000	6.000	-5.000
3	141	41	5	8.000	4.000	-4.000
3	141	41	19	10.000	9.000	-1.000
3	141	41	33	11.000	11.000	0.0
3	141	51	4	19.000	12.000	-7.000
3	141	51	8	11.000	12.000	1.000
3	141	51	12	14.000	14.000	0.0
3	141	51	21	14.000	10.000	-4.000

TABLE 36. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1938	1970	CHANGE
3	181	11	36	317.500	328.125	10.625
3	181	21	29	321.250	369.375	48.125
3	181	21	33	288.750	288.125	-0.625
3	181	21	35	352.500	395.625	43.125
3	181	31	3	531.250	586.875	55.625
3	181	31	18	370.000	354.375	-15.625
3	181	31	36	562.500	568.125	5.625
3	181	41	3	506.875	484.375	-22.500
3	181	41	32	595.625	591.875	-3.750
3	181	51	5	577.500	551.875	-25.625
3	181	51	10	553.750	578.125	24.375
3	181	51	17	518.750	523.750	5.000
3	181	51	22	573.125	581.250	8.125
3	181	51	29	375.000	482.500	107.500
3	171	11	15	433.125	321.250	-111.875
3	171	11	32	436.250	445.625	9.375
3	171	11	35	488.750	519.375	30.625
3	171	21	1	531.875	530.625	-1.250
3	171	21	7	236.875	397.500	160.625
3	171	21	10	337.500	337.500	0.0
3	171	21	16	521.250	534.375	13.125
3	171	31	4	435.625	481.875	46.250
3	171	31	11	535.000	525.000	-10.000
3	171	31	24	568.125	594.375	26.250
3	171	41	2	393.750	459.375	65.625
3	171	41	8	516.875	558.750	41.875
3	171	41	10	532.500	525.000	-7.500
3	171	41	20	508.125	568.750	60.625
3	171	51	12	336.875	577.500	240.625
3	171	51	15	541.875	300.625	-241.250
3	171	51	17	600.000	601.875	1.875
3	171	51	26	483.750	551.250	67.500
3	171	51	31	408.125	426.250	18.125
3	161	21	3	478.750	486.250	7.500
3	161	21	8	542.500	576.250	33.750
3	161	21	12	586.875	581.250	-5.625
3	161	21	18	565.000	590.625	25.625
3	161	21	33	560.625	593.750	33.125
3	161	31	5	591.875	593.125	1.250
3	161	31	10	550.000	526.250	-23.750
3	161	31	13	514.375	536.250	21.875
3	161	31	19	508.750	595.000	86.250
3	161	31	23	570.625	596.250	25.625
3	161	31	27	536.250	566.250	30.000
3	161	31	29	571.250	586.875	15.625
3	161	31	36	622.500	618.750	-3.750
3	161	41	14	607.500	602.500	-5.000
3	161	41	27	587.500	587.500	0.0
3	161	51	9	606.250	618.125	11.875
3	161	51	17	612.500	624.375	11.875

TABLE 36. CONTINUED

HENRY COUNTY FIELD CROP

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	600.000	606.875	6.875
3	151	11	6	213.750	186.250	-27.500
3	151	11	27	603.125	612.500	9.375
3	151	11	30	541.875	590.000	48.125
3	151	21	2	585.000	608.750	23.750
3	151	21	8	523.750	526.250	2.500
3	151	21	18	521.250	540.000	18.750
3	151	21	22	445.625	491.875	46.250
3	151	21	34	223.125	289.375	66.250
3	151	31	5	444.375	505.000	60.625
3	151	31	21	579.375	576.250	-3.125
3	151	31	27	555.625	587.500	31.875
3	151	31	31	576.250	607.500	31.250
3	151	41	18	607.500	611.875	4.375
3	151	41	25	448.750	502.500	53.750
3	151	41	28	595.625	580.000	-15.625
3	151	51	3	488.750	473.125	-15.625
3	151	51	24	493.125	441.875	-51.250
3	151	51	35	589.375	578.750	-10.625
3	141	11	4	525.625	575.000	49.375
3	141	11	23	572.500	587.500	15.000
3	141	11	30	557.500	554.375	-3.125
3	141	21	4	466.875	510.625	43.750
3	141	21	27	475.625	540.000	64.375
3	141	21	32	481.875	550.625	68.750
3	141	31	14	473.750	475.000	1.250
3	141	31	30	529.375	540.000	10.625
3	141	41	5	595.625	589.375	-6.250
3	141	41	19	586.250	587.500	1.250
3	141	41	33	485.000	456.875	-28.125
3	141	51	4	374.375	270.625	-103.750
3	141	51	8	580.000	557.500	-22.500
3	141	51	12	572.500	574.375	1.875
3	141	51	21	538.750	505.625	-33.125

TABLE 37. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	PASTURE 1938	PASTURE 1970	CHANGE
3	181	11	36	212.500	10.625	-201.875
3	181	21	29	1.875	0.0	-1.875
3	181	21	33	151.875	121.250	-30.625
3	181	21	35	221.250	98.125	-123.125
3	181	31	3	16.250	7.500	-8.750
3	181	31	18	58.125	29.375	-28.750
3	181	31	36	46.250	21.250	-25.000
3	181	41	3	97.500	113.750	16.250
3	181	41	32	3.125	6.250	3.125
3	181	51	5	10.625	16.875	6.250
3	181	51	10	41.250	2.500	-38.750
3	181	51	17	80.000	75.625	-4.375
3	181	51	22	12.500	13.750	1.250
3	181	51	29	237.500	113.125	-124.375
3	171	11	15	96.250	73.125	-23.125
3	171	11	32	169.375	104.375	-65.000
3	171	11	35	123.125	81.875	-41.250
3	171	21	1	13.750	45.625	31.875
3	171	21	7	117.500	30.625	-86.875
3	171	21	10	35.000	29.375	-5.625
3	171	21	16	87.500	73.125	-14.375
3	171	31	4	133.750	0.0	-133.750
3	171	31	11	5.625	8.125	2.500
3	171	31	24	33.750	5.625	-28.125
3	171	41	2	216.875	139.375	-77.500
3	171	41	8	33.125	9.375	-23.750
3	171	41	10	48.750	53.125	4.375
3	171	41	20	72.500	0.0	-72.500
3	171	51	12	271.875	31.250	-240.625
3	171	51	15	75.000	249.375	174.375
3	171	51	17	0.0	0.0	0.0
3	171	51	26	117.500	45.625	-71.875
3	171	51	31	38.125	0.0	-38.125
3	161	21	3	129.375	125.000	-4.375
3	161	21	8	58.125	13.125	-45.000
3	161	21	12	23.750	22.500	-1.250
3	161	21	18	54.375	35.000	-19.375
3	161	21	33	52.500	20.625	-31.875
3	161	31	5	5.000	9.375	4.375
3	161	31	10	58.125	91.875	33.750
3	161	31	13	89.375	42.500	-46.875
3	161	31	19	95.625	12.500	-83.125
3	161	31	23	23.750	3.125	-20.625
3	161	31	27	40.000	25.000	-15.000
3	161	31	29	25.000	5.000	-20.000
3	161	31	36	0.0	0.0	0.0
3	161	41	14	7.500	4.375	-3.125
3	161	41	27	15.625	19.375	3.750
3	161	51	9	8.750	0.0	-8.750
3	161	51	17	11.250	1.875	-9.375

TABLE 37. CONTINUED

HENRY COUNTY PASTURE

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	406.250	436.250	30.000
3	151	11	27	10.000	6.250	-3.750
3	151	11	30	62.500	10.000	-52.500
3	151	21	2	28.750	0.625	-28.125
3	151	21	8	38.125	33.750	-4.375
3	151	21	18	88.125	70.625	-17.500
3	151	21	22	165.000	111.875	-53.125
3	151	21	34	387.500	305.625	-81.875
3	151	31	5	164.375	98.750	-65.625
3	151	31	21	4.375	5.625	1.250
3	151	31	27	39.375	9.375	-30.000
3	151	31	31	21.250	0.0	-21.250
3	151	41	18	1.875	0.625	-1.250
3	151	41	25	149.375	69.375	-80.000
3	151	41	28	11.875	28.125	16.250
3	151	51	3	90.625	105.000	14.375
3	151	51	24	99.375	156.250	56.875
3	151	51	35	17.500	28.125	10.625
3	141	11	4	66.875	16.875	-50.000
3	141	11	23	24.375	14.375	-10.000
3	141	11	30	38.125	48.125	10.000
3	141	21	4	145.000	98.750	-46.250
3	141	21	27	120.625	66.875	-53.750
3	141	21	32	133.750	69.375	-64.375
3	141	31	14	58.125	34.375	-23.750
3	141	31	30	53.125	68.125	15.000
3	141	41	5	22.500	25.000	2.500
3	141	41	19	14.375	16.875	2.500
3	141	41	33	9.375	23.125	13.750
3	141	51	4	6.875	0.0	-6.875
3	141	51	8	29.375	41.250	11.875
3	141	51	12	37.500	39.375	1.875
3	141	51	21	62.500	76.875	14.375

TABLE 38. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	181	11	36	10.625	103.125	92.500
3	181	21	29	44.375	74.375	30.000
3	181	21	33	66.875	151.250	84.375
3	181	21	35	31.250	61.875	30.625
3	181	31	3	0.0	0.0	0.0
3	181	31	18	61.250	76.250	15.000
3	181	31	36	0.0	11.875	11.875
3	181	41	3	1.875	11.250	9.375
3	181	41	32	0.0	0.0	0.0
3	181	51	5	0.0	3.125	3.125
3	181	51	10	0.0	11.875	11.875
3	181	51	17	0.0	0.0	0.0
3	181	51	22	0.0	0.0	0.0
3	181	51	29	1.250	8.750	7.500
3	171	11	15	27.500	65.000	37.500
3	171	11	32	0.0	38.125	38.125
3	171	11	35	0.0	3.125	3.125
3	171	21	1	4.375	0.625	-3.750
3	171	21	7	101.250	63.750	-37.500
3	171	21	10	119.375	138.750	19.375
3	171	21	16	0.0	1.875	1.875
3	171	31	4	18.125	68.750	50.625
3	171	31	11	45.000	32.500	-12.500
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	21.250	10.000	-11.250
3	171	41	10	6.250	3.750	-2.500
3	171	41	20	2.500	7.500	5.000
3	171	51	12	12.500	3.750	-8.750
3	171	51	15	0.0	46.250	46.250
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	0.0	0.0	0.0
3	161	21	3	0.0	0.0	0.0
3	161	21	8	0.0	3.750	3.750
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	1.875	0.0	-1.875
3	161	31	10	0.0	0.0	0.0
3	161	31	13	1.250	26.250	25.000
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	3.125	1.250	-1.875
3	161	31	29	0.0	1.875	1.875
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 38. CONTINUED

HENRY COUNTY FOREST

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	0.0	0.0
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	1.875	3.125	1.250
3	151	21	22	0.0	0.0	0.0
3	151	21	34	1.875	20.625	18.750
3	151	31	5	0.0	0.0	0.0
3	151	31	21	0.0	0.0	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.0	10.625	10.625
3	151	41	28	0.0	0.0	0.0
3	151	51	3	4.375	12.500	8.125
3	151	51	24	10.000	6.250	-3.750
3	151	51	35	0.0	0.0	0.0
3	141	11	4	5.625	10.000	4.375
3	141	11	23	0.0	0.0	0.0
3	141	11	30	7.500	10.625	3.125
3	141	21	4	0.625	13.125	12.500
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	3.125	16.250	13.125
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	0.0	0.0
3	141	51	4	0.0	3.750	3.750
3	141	51	8	0.0	0.0	0.0
3	141	51	12	1.875	0.0	-1.875
3	141	51	21	1.250	5.625	4.375

TABLE 39. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	181	11	36	0.0	0.625	0.625
3	181	21	29	0.0	0.0	0.0
3	181	21	33	0.0	0.0	0.0
3	181	21	35	1.875	0.0	-1.875
3	181	31	3	0.0	0.0	0.0
3	181	31	18	0.0	0.0	0.0
3	181	31	36	0.0	0.0	0.0
3	181	41	3	0.0	0.0	0.0
3	181	41	32	0.0	0.0	0.0
3	181	51	5	0.0	0.0	0.0
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.0	0.0
3	181	51	22	0.0	0.0	0.0
3	181	51	29	0.0	0.0	0.0
3	171	11	15	1.875	0.0	-1.875
3	171	11	32	0.0	0.0	0.0
3	171	11	35	3.125	0.0	-3.125
3	171	21	1	7.500	0.0	-7.500
3	171	21	7	0.0	0.0	0.0
3	171	21	10	0.0	0.0	0.0
3	171	21	16	1.250	0.0	-1.250
3	171	31	4	0.0	0.0	0.0
3	171	31	11	1.875	0.0	-1.875
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	0.0	0.0	0.0
3	171	41	10	0.0	0.0	0.0
3	171	41	20	1.875	0.0	-1.875
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	0.0	0.0
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	0.0	0.0	0.0
3	161	21	3	3.125	0.0	-3.125
3	161	21	8	1.875	0.0	-1.875
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	1.875	0.0	-1.875
3	161	31	10	0.0	0.0	0.0
3	161	31	13	1.250	0.0	-1.250
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	1.250	1.875	0.625
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	2.500	0.625	-1.875
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 39. CONTINUED

HENRY COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	2.500	0.0	-2.500
3	151	11	6	0.0	0.0	0.0
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	0.0	0.0	0.0
3	151	21	22	0.0	0.0	0.0
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	0.0	0.0	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	1.250	0.0	-1.250
3	151	41	25	0.625	0.0	-0.625
3	151	41	23	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	0.0	0.0	0.0
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.0	0.0	0.0
3	141	11	23	0.0	0.0	0.0
3	141	11	30	0.0	0.0	0.0
3	141	21	4	0.0	0.0	0.0
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	0.0	0.0	0.0
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	0.0	0.0
3	141	51	4	0.0	0.0	0.0
3	141	51	8	0.625	0.0	-0.625
3	141	51	12	0.0	0.0	0.0
3	141	51	21	1.250	0.0	-1.250

TABLE 40. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	CLC FIELD 1938	1970	CHANGE
3	181	11	36	3.125	75.625	72.500
3	181	21	29	98.125	51.875	-46.250
3	181	21	33	113.125	55.000	-58.125
3	181	21	35	6.250	52.500	46.250
3	181	31	3	48.125	6.875	-41.250
3	181	31	18	35.625	63.750	28.125
3	181	31	36	12.500	15.625	3.125
3	181	41	3	3.125	1.875	-1.250
3	181	41	32	0.0	0.625	0.625
3	181	51	5	11.250	23.125	11.875
3	181	51	10	1.250	2.500	1.250
3	181	51	17	11.875	0.0	-11.875
3	181	51	22	0.0	0.625	0.625
3	181	51	29	0.0	5.625	5.625
3	171	11	15	12.500	23.125	10.625
3	171	11	32	2.500	15.000	12.500
3	171	11	35	1.250	2.500	1.250
3	171	21	1	8.125	13.125	5.000
3	171	21	7	15.625	16.875	1.250
3	171	21	10	63.750	56.875	-6.875
3	171	21	16	1.250	5.000	3.750
3	171	31	4	6.875	45.625	38.750
3	171	31	11	6.875	7.500	0.625
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	16.875	7.500	-9.375
3	171	41	10	3.125	2.500	-0.625
3	171	41	20	0.0	0.0	0.0
3	171	51	12	8.125	0.625	-7.500
3	171	51	15	2.500	18.750	16.250
3	171	51	17	3.750	0.0	-3.750
3	171	51	26	0.0	0.0	0.0
3	171	51	31	3.750	20.000	16.250
3	161	21	3	2.500	1.250	-1.250
3	161	21	8	6.875	3.750	-3.125
3	161	21	12	0.0	1.250	1.250
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	3.750	3.750
3	161	31	5	5.000	4.375	-0.625
3	161	31	10	0.0	0.0	0.0
3	161	31	13	0.625	5.000	4.375
3	161	31	19	0.0	0.0	0.0
3	161	31	23	1.875	3.750	1.875
3	161	31	27	8.750	1.875	-6.875
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	2.500	2.500
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 4C. CONTINUED

HENRY COUNTY OLD FIELD

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.625	3.750	3.125
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	3.750	3.750
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	0.625	0.0	-0.625
3	151	21	22	0.625	8.125	7.500
3	151	21	34	0.0	3.125	3.125
3	151	31	5	6.250	6.250	0.0
3	151	31	21	0.0	0.0	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.625	22.500	21.875
3	151	41	28	0.0	0.0	0.0
3	151	51	3	23.125	10.000	-13.125
3	151	51	24	0.0	5.000	5.000
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.625	1.875	1.250
3	141	11	23	0.0	0.0	0.0
3	141	11	30	0.0	5.000	5.000
3	141	21	4	0.0	1.250	1.250
3	141	21	27	0.0	5.625	5.625
3	141	21	32	0.0	0.0	0.0
3	141	31	14	0.0	3.125	3.125
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.625	0.625
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	6.250	6.250
3	141	51	4	0.0	3.125	3.125
3	141	51	8	0.0	0.0	0.0
3	141	51	12	1.250	0.0	-1.250
3	141	51	21	10.625	1.250	-9.375

TABLE 41. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	181	11	36	3.750	9.375	5.625
3	181	21	29	6.250	13.750	7.500
3	181	21	33	2.500	6.250	3.750
3	181	21	35	8.125	8.750	0.625
3	181	31	3	2.500	13.125	10.625
3	181	31	18	4.375	1.875	-2.500
3	181	31	36	8.125	9.375	1.250
3	181	41	3	8.125	13.750	5.625
3	181	41	32	3.125	5.625	2.500
3	181	51	5	5.000	9.375	4.375
3	181	51	10	7.500	8.750	1.250
3	181	51	17	6.875	18.750	11.875
3	181	51	22	7.500	3.750	-3.750
3	181	51	29	4.375	7.500	3.125
3	171	11	15	5.000	7.500	2.500
3	171	11	32	13.125	6.875	-6.250
3	171	11	35	5.000	3.125	-1.875
3	171	21	1	6.875	5.625	-1.250
3	171	21	7	0.625	7.500	6.875
3	171	21	10	12.500	5.000	-7.500
3	171	21	16	5.000	4.375	-0.625
3	171	31	4	18.750	11.250	-7.500
3	171	31	11	16.250	20.625	4.375
3	171	31	24	2.500	1.875	-0.625
3	171	41	2	7.500	8.125	0.625
3	171	41	8	20.625	14.375	-6.250
3	171	41	10	11.250	3.125	-8.125
3	171	41	20	6.875	11.250	4.375
3	171	51	12	1.875	3.125	1.250
3	171	51	15	6.875	5.625	-1.250
3	171	51	17	8.750	0.625	-8.125
3	171	51	26	9.375	4.375	-5.000
3	171	51	31	0.625	6.250	5.625
3	161	21	3	8.125	2.500	-5.625
3	161	21	8	6.250	5.000	-1.250
3	161	21	12	5.000	3.125	-1.875
3	161	21	18	6.250	1.250	-5.000
3	161	21	33	11.250	0.0	-11.250
3	161	31	5	9.375	0.625	-8.750
3	161	31	10	9.375	5.000	-4.375
3	161	31	13	11.250	8.750	-2.500
3	161	31	19	16.875	3.750	-13.125
3	161	31	23	19.375	12.500	-6.875
3	161	31	27	19.375	15.000	-4.375
3	161	31	29	13.125	6.250	-6.875
3	161	31	36	5.000	1.250	-3.750
3	161	41	14	6.875	12.500	5.625
3	161	41	27	8.750	0.625	-8.125
3	161	51	9	3.125	0.0	-3.125
3	161	51	17	0.625	0.0	-0.625

TABLE 41. CONTINUED

HENRY COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	5.000	0.625	-4.375
3	151	11	6	11.250	6.875	-4.375
3	151	11	27	8.125	2.500	-5.625
3	151	11	30	19.375	21.875	2.500
3	151	21	2	2.500	3.750	1.250
3	151	21	8	5.625	3.125	-2.500
3	151	21	18	9.375	1.250	-8.125
3	151	21	22	12.500	10.000	-2.500
3	151	21	34	11.250	13.125	1.875
3	151	31	5	9.375	3.750	-5.625
3	151	31	21	10.625	13.750	3.125
3	151	31	27	6.250	6.875	0.625
3	151	31	31	6.250	6.250	0.0
3	151	41	18	4.375	0.0	-4.375
3	151	41	25	5.000	6.250	1.250
3	151	41	28	6.250	5.625	-0.625
3	151	51	3	8.750	8.750	0.0
3	151	51	24	5.625	1.875	-3.750
3	151	51	35	12.500	6.875	-5.625
3	141	11	4	8.750	4.375	-4.375
3	141	11	23	5.000	0.0	-5.000
3	141	11	30	6.875	0.0	-6.875
3	141	21	4	15.625	2.500	-13.125
3	141	21	27	6.250	3.125	-3.125
3	141	21	32	3.125	0.625	-2.500
3	141	31	14	13.750	10.625	-3.125
3	141	31	30	4.375	1.250	-3.125
3	141	41	5	8.125	5.000	-3.125
3	141	41	19	3.750	4.375	0.625
3	141	41	33	3.125	3.750	0.625
3	141	51	4	8.750	6.875	-1.875
3	141	51	8	6.250	7.500	1.250
3	141	51	12	8.750	1.250	-7.500
3	141	51	21	4.375	7.500	3.125

TABLE 42. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1938	1970	CHANGE
3	181	11	36	14.375	3.750	-10.625
3	181	21	29	70.625	6.875	-63.750
3	181	21	33	0.0	0.0	0.0
3	181	21	35	0.0	0.0	0.0
3	181	31	3	13.125	1.250	-11.875
3	181	31	18	6.875	6.250	-0.625
3	181	31	36	0.0	0.0	0.0
3	181	41	3	0.0	0.0	0.0
3	181	41	22	0.0	0.0	0.0
3	181	51	5	5.625	5.000	-0.625
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.0	0.0
3	181	51	22	0.0	0.0	0.0
3	181	51	29	1.250	1.250	0.0
3	171	11	15	13.750	15.000	1.250
3	171	11	32	0.0	0.0	0.0
3	171	11	35	0.0	0.0	0.0
3	171	21	1	2.500	25.000	22.500
3	171	21	7	109.375	63.750	-45.625
3	171	21	10	13.125	1.875	-11.250
3	171	21	16	0.0	0.0	0.0
3	171	31	4	0.0	0.0	0.0
3	171	31	11	0.0	0.0	0.0
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	0.0	0.0	0.0
3	171	41	10	0.0	0.0	0.0
3	171	41	20	0.0	0.0	0.0
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	0.0	0.0
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	0.0	0.0	0.0
3	161	21	3	0.0	0.0	0.0
3	161	21	8	0.0	0.0	0.0
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	0.0	0.0	0.0
3	161	31	10	0.0	0.0	0.0
3	161	31	13	0.0	0.0	0.0
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	0.0	0.0	0.0
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 42. CONTINUED

HENRY COUNTY WETLAND

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	0.0	0.0
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	0.0	0.0	0.0
3	151	21	22	0.0	0.0	0.0
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	0.0	0.0	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.625	0.0	-0.625
3	151	41	29	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	0.0	0.0	0.0
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.0	0.0	0.0
3	141	11	23	0.0	0.0	0.0
3	141	11	30	0.0	0.0	0.0
3	141	21	4	0.0	0.0	0.0
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	0.0	0.0	0.0
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	0.0	0.0
3	141	51	4	0.0	0.0	0.0
3	141	51	8	0.0	0.0	0.0
3	141	51	12	0.0	0.0	0.0
3	141	51	21	0.0	0.0	0.0

TABLE 43. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1938	1970	CHANGE
3	181	11	36	6.875	10.000	3.125
3	181	21	29	2.500	14.375	11.875
3	181	21	33	8.750	8.750	0.0
3	181	21	35	5.000	10.625	5.625
3	181	31	3	10.000	8.750	-1.250
3	181	31	18	3.750	6.875	3.125
3	181	31	36	0.0	0.0	0.0
3	181	41	3	4.375	5.000	0.625
3	181	41	32	17.500	15.625	-1.875
3	181	51	5	6.250	5.000	-1.250
3	181	51	10	10.625	13.750	3.125
3	181	51	17	8.125	11.250	3.125
3	181	51	22	10.625	9.375	-1.250
3	181	51	29	3.125	3.750	0.625
3	171	11	15	9.375	19.375	10.000
3	171	11	32	8.125	9.375	1.250
3	171	11	35	5.000	16.250	11.250
3	171	21	1	47.500	10.625	-36.875
3	171	21	7	5.000	6.250	1.250
3	171	21	12	3.750	7.500	3.750
3	171	21	16	10.000	8.750	-1.250
3	171	31	4	1.250	10.625	9.375
3	171	31	11	6.250	11.250	5.000
3	171	31	24	13.125	17.500	4.375
3	171	41	2	9.375	15.625	6.250
3	171	41	8	8.125	8.750	0.625
3	171	41	10	10.625	9.375	-1.250
3	171	41	20	13.750	20.000	6.250
3	171	51	12	0.625	6.875	6.250
3	171	51	15	5.625	3.125	-2.500
3	171	51	17	3.750	4.375	0.625
3	171	51	26	9.375	10.000	0.625
3	171	51	31	4.375	1.875	-2.500
3	161	21	3	11.875	14.375	2.500
3	161	21	8	7.500	8.125	0.625
3	161	21	12	16.250	18.125	1.875
3	161	21	18	4.375	5.000	0.625
3	161	21	33	5.000	3.125	-1.875
3	161	31	5	10.000	13.750	3.750
3	161	31	10	7.500	6.875	-0.625
3	161	31	13	9.375	6.875	-2.500
3	161	31	19	4.375	6.875	2.500
3	161	31	23	6.250	3.750	-2.500
3	161	31	27	18.125	13.125	-5.000
3	161	31	29	9.375	11.250	1.875
3	161	31	36	4.375	4.375	0.0
3	161	41	14	10.000	6.250	-3.750
3	161	41	27	9.375	11.250	1.875
3	161	51	9	3.125	3.125	0.0
3	161	51	17	2.500	3.125	0.625

TABLE 43. CONTINUED

HENRY COUNTY BUILDINGS

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	11.250	13.125	1.875
3	151	11	6	2.500	0.0	-2.500
3	151	11	27	8.750	6.250	-2.500
3	151	11	30	11.875	6.250	-5.625
3	151	21	2	13.125	11.250	-1.875
3	151	21	8	25.625	34.375	8.750
3	151	21	18	7.500	8.125	0.625
3	151	21	22	6.250	6.875	0.625
3	151	21	34	8.125	3.125	-5.000
3	151	31	5	1.875	3.750	1.875
3	151	31	21	7.500	3.750	-3.750
3	151	31	27	15.625	13.750	-1.875
3	151	31	31	18.125	6.875	-11.250
3	151	41	18	9.375	10.000	0.625
3	151	41	25	11.250	11.250	0.0
3	151	41	28	12.500	11.875	-0.625
3	151	51	3	8.125	8.750	0.625
3	151	51	24	8.750	3.125	-5.625
3	151	51	35	11.250	11.875	0.625
3	141	11	4	5.625	8.125	2.500
3	141	11	23	15.625	13.125	-2.500
3	141	11	30	12.500	4.375	-8.125
3	141	21	4	4.375	5.000	0.625
3	141	21	27	17.500	12.500	-5.000
3	141	21	32	5.000	3.750	-1.250
3	141	31	14	16.250	18.750	2.500
3	141	31	30	24.375	15.000	-9.375
3	141	41	5	5.625	5.000	-0.625
3	141	41	19	8.750	7.500	-1.250
3	141	41	33	20.000	9.375	-10.625
3	141	51	4	37.500	38.125	0.625
3	141	51	3	13.125	7.500	-5.625
3	141	51	12	9.375	8.750	-0.625
3	141	51	21	5.000	8.750	3.750

TABLE 44. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1938	1970	CHANGE
3	181	11	36	5.625	11.250	5.625
3	181	21	29	2.500	5.625	3.125
3	181	21	33	3.125	5.000	1.875
3	181	21	35	7.500	6.250	-1.250
3	181	31	3	9.375	9.375	0.0
3	181	31	18	1.875	3.125	1.250
3	181	31	36	0.625	1.875	1.250
3	181	41	3	2.500	2.500	0.0
3	181	41	32	8.750	4.375	-4.375
3	181	51	5	2.500	1.875	-0.625
3	181	51	10	7.500	8.750	1.250
3	181	51	17	3.125	3.750	0.625
3	181	51	22	7.500	8.125	0.625
3	181	51	29	8.125	8.125	0.0
3	171	11	15	9.375	17.500	8.125
3	171	11	32	3.750	3.750	0.0
3	171	11	35	5.625	6.875	1.250
3	171	21	1	5.000	3.125	-1.875
3	171	21	7	5.625	5.000	-0.625
3	171	21	10	6.875	4.375	-2.500
3	171	21	16	4.375	5.000	0.625
3	171	31	4	5.000	4.375	-0.625
3	171	31	11	5.000	9.375	4.375
3	171	31	24	6.250	4.375	-1.875
3	171	41	2	3.125	3.750	0.625
3	171	41	8	5.625	5.625	0.0
3	171	41	10	5.000	6.875	1.875
3	171	41	20	9.375	8.750	-0.625
3	171	51	12	3.125	3.125	0.0
3	171	51	15	3.750	6.250	2.500
3	171	51	17	4.375	0.0	-4.375
3	171	51	26	1.875	1.875	0.0
3	171	51	31	4.375	14.375	10.000
3	161	21	3	3.750	5.000	1.250
3	161	21	8	6.250	5.000	-1.250
3	161	21	12	3.750	3.750	0.0
3	161	21	18	3.125	3.750	0.625
3	161	21	33	5.000	4.375	-0.625
3	161	31	5	5.000	4.375	-0.625
3	161	31	10	4.375	3.125	-1.250
3	161	31	13	4.375	4.375	0.0
3	161	31	19	8.750	8.125	-0.625
3	161	31	23	4.375	3.125	-1.250
3	161	31	27	6.250	5.625	-0.625
3	161	31	29	5.000	6.875	1.875
3	161	31	36	2.500	3.750	1.250
3	161	41	14	3.750	3.750	0.0
3	161	41	27	7.500	7.500	0.0
3	161	51	9	6.250	4.375	-1.875
3	161	51	17	4.375	5.000	0.625

TABLE 44. CONTINUED

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1938	1970	CHANGE
3	161	51	30	13.125	6.875	-6.250
3	151	11	6	3.750	3.125	-0.625
3	151	11	27	1.250	1.875	0.625
3	151	11	30	0.0	1.250	1.250
3	151	21	2	5.000	7.500	2.500
3	151	21	8	6.875	15.000	8.125
3	151	21	18	3.125	8.125	5.000
3	151	21	22	3.750	3.125	-0.625
3	151	21	34	5.000	1.250	-3.750
3	151	31	5	5.625	6.875	1.250
3	151	31	21	7.500	6.875	-0.625
3	151	31	27	4.375	3.125	-1.250
3	151	31	31	5.000	4.375	-0.625
3	151	41	18	5.625	5.000	-0.625
3	151	41	25	8.750	6.875	-1.875
3	151	41	28	6.250	3.750	-2.500
3	151	51	3	7.500	8.750	1.250
3	151	51	24	6.875	13.125	6.250
3	151	51	35	3.750	3.750	0.0
3	141	11	4	6.875	5.625	-1.250
3	141	11	23	5.625	7.500	1.875
3	141	11	30	6.250	8.125	1.875
3	141	21	4	3.125	3.750	0.625
3	141	21	27	4.375	3.750	-0.625
3	141	21	32	4.375	4.375	0.0
3	141	31	14	7.500	7.500	0.0
3	141	31	30	8.125	8.125	0.0
3	141	41	5	3.750	6.875	3.125
3	141	41	19	8.750	7.500	-1.250
3	141	41	33	14.375	5.000	-9.375
3	141	51	4	26.250	40.625	14.375
3	141	51	8	1.875	3.750	1.875
3	141	51	12	3.125	5.000	1.875
3	141	51	21	5.625	5.625	0.0

TABLE 45. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	RAILROAD 1938	1970	CHANGE
3	181	11	36	0.0	0.0	0.0
3	181	21	29	3.125	3.125	0.0
3	181	21	33	0.0	0.0	0.0
3	181	21	35	0.0	0.0	0.0
3	181	31	3	0.0	0.0	0.0
3	181	31	18	0.0	0.0	0.0
3	181	31	36	0.0	0.0	0.0
3	181	41	3	0.0	0.0	0.0
3	181	41	22	0.0	0.0	0.0
3	181	51	5	0.0	0.0	0.0
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.0	0.0
3	181	51	22	1.875	2.500	0.625
3	181	51	29	0.0	0.0	0.0
3	171	11	15	3.750	3.750	0.0
3	171	11	32	0.0	0.0	0.0
3	171	11	35	0.0	0.0	0.0
3	171	21	1	0.0	0.0	0.0
3	171	21	7	1.250	1.250	0.0
3	171	21	10	3.125	3.125	0.0
3	171	21	16	0.0	0.0	0.0
3	171	31	4	0.0	0.0	0.0
3	171	31	11	0.0	0.0	0.0
3	171	31	24	2.500	2.500	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	0.0	0.0	0.0
3	171	41	10	0.0	0.0	0.0
3	171	41	20	0.0	0.0	0.0
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	0.0	0.0
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	1.875	2.500	0.625
3	161	21	3	0.0	0.0	0.0
3	161	21	8	0.0	0.0	0.0
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	0.0	0.0	0.0
3	161	31	10	0.0	0.0	0.0
3	161	31	13	0.0	0.0	0.0
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	0.0	0.0	0.0
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 45. CONTINUED

HENRY COUNTY RAILROAD

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	0.0	0.0
3	151	11	27	1.875	1.875	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	0.0	0.0	0.0
3	151	21	22	0.0	0.0	0.0
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	3.750	3.125	-0.625
3	151	31	27	3.125	3.750	0.625
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.0	0.0	0.0
3	151	41	28	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	3.125	3.125	0.0
3	151	51	35	0.0	0.0	0.0
3	141	11	4	3.750	3.750	0.0
3	141	11	23	1.875	2.500	0.625
3	141	11	30	0.0	0.0	0.0
3	141	21	4	0.0	0.0	0.0
3	141	21	27	2.500	0.0	-2.500
3	141	21	32	0.0	0.0	0.0
3	141	31	14	0.0	0.0	0.0
3	141	31	30	3.125	0.0	-3.125
3	141	41	5	0.0	0.0	0.0
3	141	41	19	3.125	2.500	-0.625
3	141	41	33	3.125	3.750	0.625
3	141	51	4	0.0	0.0	0.0
3	141	51	8	0.0	0.0	0.0
3	141	51	12	0.0	0.0	0.0
3	141	51	21	0.0	0.0	0.0

TABLE 46. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1938	1970	CHANGE
3	181	11	36	5.625	14.375	8.750
3	181	21	29	0.0	0.0	0.0
3	181	21	33	0.0	0.0	0.0
3	181	21	35	0.0	0.0	0.0
3	181	31	3	0.0	0.0	0.0
3	181	31	18	92.500	80.625	-11.875
3	181	31	36	1.250	1.875	0.625
3	181	41	3	1.250	0.625	-0.625
3	181	41	32	0.0	0.0	0.0
3	181	51	5	1.875	1.875	0.0
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.625	0.625
3	181	51	22	0.625	0.625	0.0
3	181	51	29	0.0	0.0	0.0
3	171	11	15	11.875	13.750	1.875
3	171	11	32	1.250	2.500	1.250
3	171	11	35	0.0	0.0	0.0
3	171	21	1	1.875	0.625	-1.250
3	171	21	7	0.625	0.625	0.0
3	171	21	10	11.250	8.750	-2.500
3	171	21	16	1.875	3.125	1.250
3	171	31	4	6.875	12.500	5.625
3	171	31	11	10.000	18.750	8.750
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	1.250	1.250
3	171	41	8	8.750	15.625	6.875
3	171	41	10	11.875	18.750	6.875
3	171	41	20	8.125	10.000	1.875
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	1.875	1.875
3	171	51	17	4.375	11.250	6.875
3	171	51	26	5.625	9.375	3.750
3	171	51	31	13.750	15.625	1.875
3	161	21	3	0.0	0.0	0.0
3	161	21	8	1.875	2.500	0.625
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	0.0	0.0	0.0
3	161	31	10	0.0	0.0	0.0
3	161	31	13	2.500	0.0	-2.500
3	161	31	19	0.0	0.0	0.0
3	161	31	23	1.875	1.875	0.0
3	161	31	27	0.0	0.0	0.0
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	1.250	1.250	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 46. CONTINUED

HENRY COUNTY WATER

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	1.875	1.875
3	151	11	27	0.0	0.0	0.0
3	151	11	30	1.875	1.875	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	1.250	3.125	1.875
3	151	21	18	1.250	0.625	-0.625
3	151	21	22	1.875	2.500	0.625
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	2.500	2.500	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.0	0.0	0.0
3	151	41	28	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	0.0	0.625	0.625
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.0	0.0	0.0
3	141	11	23	0.0	0.0	0.0
3	141	11	30	0.0	0.625	0.625
3	141	21	4	0.0	0.0	0.0
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	0.0	1.250	1.250
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	8.750	8.750
3	141	51	4	0.625	1.250	0.625
3	141	51	8	0.625	0.625	0.0
3	141	51	12	0.0	2.500	2.500
3	141	51	21	0.0	0.0	0.0

TABLE 47. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1938	1970	CHANGE
3	181	11	36	5.625	16.875	11.250
3	181	21	29	9.375	13.125	3.750
3	181	21	33	5.000	4.375	-0.625
3	181	21	35	6.250	6.250	0.0
3	181	31	3	9.375	6.250	-3.125
3	181	31	18	5.625	17.500	11.875
3	181	31	36	8.750	10.000	1.250
3	181	41	3	14.375	6.875	-7.500
3	181	41	32	11.875	15.625	3.750
3	181	51	5	19.375	21.875	2.500
3	181	51	10	18.125	13.750	-4.375
3	181	51	17	11.250	6.250	-5.000
3	181	51	22	26.250	20.000	-6.250
3	181	51	29	9.375	9.375	0.0
3	171	11	15	15.625	15.625	0.0
3	171	11	32	4.375	10.000	5.625
3	171	11	35	8.125	6.875	-1.250
3	171	21	1	10.625	5.000	-5.625
3	171	21	7	19.375	15.625	-3.750
3	171	21	10	13.750	16.875	3.125
3	171	21	16	7.500	4.375	-3.125
3	171	31	4	13.750	5.000	-8.750
3	171	31	11	8.125	6.875	-1.250
3	171	31	24	13.750	13.750	0.0
3	171	41	2	9.375	12.500	3.125
3	171	41	8	8.750	10.000	1.250
3	171	41	10	10.625	17.500	6.875
3	171	41	20	16.875	13.750	-3.125
3	171	51	12	5.000	13.750	8.750
3	171	51	15	4.375	8.125	3.750
3	171	51	17	15.000	21.875	6.875
3	171	51	26	12.500	17.500	5.000
3	171	51	31	11.250	35.000	23.750
3	161	21	3	2.500	5.625	3.125
3	161	21	8	8.750	22.500	13.750
3	161	21	12	4.375	10.000	5.625
3	161	21	18	6.875	4.375	-2.500
3	161	21	33	5.625	14.375	8.750
3	161	31	5	10.000	14.375	4.375
3	161	31	10	10.625	6.875	-3.750
3	161	31	13	5.625	10.000	4.375
3	161	31	19	5.625	13.750	8.125
3	161	31	23	11.875	15.625	3.750
3	161	31	27	6.875	10.000	3.125
3	161	31	29	11.250	18.125	6.875
3	161	31	36	5.625	11.875	6.250
3	161	41	14	4.375	8.125	3.750
3	161	41	27	8.750	13.125	4.375
3	161	51	9	11.250	13.125	1.875
3	161	51	17	8.750	5.625	-3.125

TABLE 47. CONTINUED

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1938	1970	CHANGE
3	161	51	30	8.125	12.500	4.375
3	151	11	6	1.875	1.875	0.0
3	151	11	27	6.875	8.750	1.875
3	151	11	30	2.500	5.000	2.500
3	151	21	2	5.625	8.125	2.500
3	151	21	8	34.375	18.125	-16.250
3	151	21	18	6.875	8.125	1.250
3	151	21	22	4.375	5.625	1.250
3	151	21	34	3.125	3.750	0.625
3	151	31	5	8.125	15.625	7.500
3	151	31	21	18.750	21.250	2.500
3	151	31	27	15.625	15.625	0.0
3	151	31	31	13.125	15.000	1.875
3	151	41	18	10.000	12.500	2.500
3	151	41	25	15.000	10.625	-4.375
3	151	41	28	7.500	10.625	3.125
3	151	51	3	8.750	13.125	4.375
3	151	51	24	13.125	7.500	-5.625
3	151	51	35	5.625	10.625	5.000
3	141	11	4	16.250	14.375	-1.875
3	141	11	23	15.000	15.000	0.0
3	141	11	30	11.250	8.750	-2.500
3	141	21	4	4.375	5.000	0.625
3	141	21	27	13.125	8.125	-5.000
3	141	21	32	11.875	11.250	-0.625
3	141	31	14	5.625	8.750	3.125
3	141	31	30	17.500	7.500	-10.000
3	141	41	5	4.375	8.125	3.750
3	141	41	19	15.000	13.750	-1.250
3	141	41	33	16.875	23.125	6.250
3	141	51	4	18.750	3.750	-15.000
3	141	51	8	8.125	19.375	11.250
3	141	51	12	5.625	8.750	3.125
3	141	51	21	7.500	7.500	0.0

TABLE 48. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	181	11	36	0.0	6.250	6.250
3	181	21	29	0.0	0.0	0.0
3	181	21	33	0.0	0.0	0.0
3	181	21	35	0.0	0.0	0.0
3	181	31	3	0.0	0.0	0.0
3	181	31	18	0.0	0.0	0.0
3	181	31	36	0.0	0.0	0.0
3	181	41	3	0.0	0.0	0.0
3	181	41	32	0.0	0.0	0.0
3	181	51	5	0.0	0.0	0.0
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.0	0.0
3	181	51	22	0.0	0.0	0.0
3	181	51	29	0.0	0.0	0.0
3	171	11	15	0.0	60.625	60.625
3	171	11	32	0.0	0.0	0.0
3	171	11	35	0.0	0.0	0.0
3	171	21	1	0.0	0.0	0.0
3	171	21	7	3.750	6.250	2.500
3	171	21	10	0.0	0.0	0.0
3	171	21	16	0.0	0.0	0.0
3	171	31	4	0.0	0.0	0.0
3	171	31	11	0.0	0.0	0.0
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	0.0	0.0	0.0
3	171	41	10	0.0	0.0	0.0
3	171	41	20	0.0	0.0	0.0
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	0.0	0.0
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	0.0	0.0	0.0
3	161	21	3	0.0	0.0	0.0
3	161	21	8	0.0	0.0	0.0
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	0.0	0.0	0.0
3	161	31	10	0.0	0.0	0.0
3	161	31	13	0.0	0.0	0.0
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	0.0	0.0	0.0
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 48. CONTINUED

HENRY COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	0.0	0.0
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	4.375	6.250	1.875
3	151	21	18	0.0	0.0	0.0
3	151	21	22	0.0	0.0	0.0
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	5.625	6.875	1.250
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.0	0.0	0.0
3	151	41	28	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	0.0	0.0	0.0
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.0	0.0	0.0
3	141	11	28	0.0	0.0	0.0
3	141	11	30	0.0	0.0	0.0
3	141	21	4	0.0	0.0	0.0
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	55.000	58.125	3.125
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	88.125	100.000	11.875
3	141	51	4	145.625	250.000	104.375
3	141	51	8	0.0	0.0	0.0
3	141	51	12	0.0	0.0	0.0
3	141	51	21	0.0	0.0	0.0

TABLE 49. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	181	11	36	54.375	50.000	-4.375
3	181	21	29	80.000	87.500	7.500
3	181	21	33	0.0	0.0	0.0
3	181	21	35	0.0	0.0	0.0
3	181	31	3	0.0	0.0	0.0
3	181	31	18	0.0	0.0	0.0
3	181	31	36	0.0	0.0	0.0
3	181	41	3	0.0	0.0	0.0
3	181	41	32	0.0	0.0	0.0
3	181	51	5	0.0	0.0	0.0
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.0	0.0
3	181	51	22	0.0	0.0	0.0
3	181	51	29	0.0	0.0	0.0
3	171	11	15	0.0	4.375	4.375
3	171	11	32	1.250	4.375	3.125
3	171	11	35	0.0	0.0	0.0
3	171	21	1	0.0	0.0	0.0
3	171	21	7	23.125	25.000	1.875
3	171	21	10	20.000	30.000	10.000
3	171	21	16	0.0	0.0	0.0
3	171	31	4	0.0	0.0	0.0
3	171	31	11	0.0	0.0	0.0
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	0.0	0.0	0.0
3	171	41	10	0.0	0.0	0.0
3	171	41	20	0.0	0.0	0.0
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	0.0	0.0
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	3.750	0.0	-3.750
3	161	21	3	0.0	0.0	0.0
3	161	21	8	0.0	0.0	0.0
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	0.0	0.0	0.0
3	161	31	10	0.0	0.0	0.0
3	161	31	13	0.0	0.0	0.0
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	0.0	0.0	0.0
3	161	31	29	5.000	3.750	-1.250
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 49. CONTINUED

HENRY COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	0.0	0.0
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	0.0	0.0	0.0
3	151	21	22	0.0	0.0	0.0
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	0.0	0.0	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.0	0.0	0.0
3	151	41	28	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	0.0	1.250	1.250
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.0	0.0	0.0
3	141	11	23	0.0	0.0	0.0
3	141	11	30	0.0	0.0	0.0
3	141	21	4	0.0	0.0	0.0
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	6.875	6.250	-0.625
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	0.0	0.0
3	141	51	4	21.250	21.875	0.625
3	141	51	8	0.0	2.500	2.500
3	141	51	12	0.0	0.0	0.0
3	141	51	21	3.125	21.250	18.125

TABLE 50. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1938	1970	CHANGE
3	181	11	36	0.0	0.0	0.0
3	181	21	29	0.0	0.0	0.0
3	181	21	33	0.0	0.0	0.0
3	181	21	35	0.0	0.0	0.0
3	181	31	3	0.0	0.0	0.0
3	181	31	18	0.0	0.0	0.0
3	181	31	36	0.0	0.0	0.0
3	181	41	3	0.0	0.0	0.0
3	181	41	32	0.0	0.0	0.0
3	181	51	5	0.0	0.0	0.0
3	181	51	10	0.0	0.0	0.0
3	181	51	17	0.0	0.0	0.0
3	181	51	22	0.0	0.0	0.0
3	181	51	29	0.0	0.0	0.0
3	171	11	15	0.0	0.0	0.0
3	171	11	32	0.0	0.0	0.0
3	171	11	35	0.0	0.0	0.0
3	171	21	1	0.0	0.0	0.0
3	171	21	7	0.0	0.0	0.0
3	171	21	10	0.0	0.0	0.0
3	171	21	16	0.0	0.0	0.0
3	171	31	4	0.0	0.0	0.0
3	171	31	11	0.0	0.0	0.0
3	171	31	24	0.0	0.0	0.0
3	171	41	2	0.0	0.0	0.0
3	171	41	8	0.0	0.0	0.0
3	171	41	10	0.0	0.0	0.0
3	171	41	20	0.0	0.0	0.0
3	171	51	12	0.0	0.0	0.0
3	171	51	15	0.0	0.0	0.0
3	171	51	17	0.0	0.0	0.0
3	171	51	26	0.0	0.0	0.0
3	171	51	31	150.000	118.125	-31.875
3	161	21	3	0.0	0.0	0.0
3	161	21	8	0.0	0.0	0.0
3	161	21	12	0.0	0.0	0.0
3	161	21	18	0.0	0.0	0.0
3	161	21	33	0.0	0.0	0.0
3	161	31	5	0.0	0.0	0.0
3	161	31	10	0.0	0.0	0.0
3	161	31	13	0.0	0.0	0.0
3	161	31	19	0.0	0.0	0.0
3	161	31	23	0.0	0.0	0.0
3	161	31	27	0.0	0.0	0.0
3	161	31	29	0.0	0.0	0.0
3	161	31	36	0.0	0.0	0.0
3	161	41	14	0.0	0.0	0.0
3	161	41	27	0.0	0.0	0.0
3	161	51	9	0.0	0.0	0.0
3	161	51	17	0.0	0.0	0.0

TABLE 50. CONTINUED

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1938	1970	CHANGE
3	161	51	30	0.0	0.0	0.0
3	151	11	6	0.0	0.0	0.0
3	151	11	27	0.0	0.0	0.0
3	151	11	30	0.0	0.0	0.0
3	151	21	2	0.0	0.0	0.0
3	151	21	8	0.0	0.0	0.0
3	151	21	18	0.0	0.0	0.0
3	151	21	22	0.0	0.0	0.0
3	151	21	34	0.0	0.0	0.0
3	151	31	5	0.0	0.0	0.0
3	151	31	21	0.0	0.0	0.0
3	151	31	27	0.0	0.0	0.0
3	151	31	31	0.0	0.0	0.0
3	151	41	18	0.0	0.0	0.0
3	151	41	25	0.0	0.0	0.0
3	151	41	28	0.0	0.0	0.0
3	151	51	3	0.0	0.0	0.0
3	151	51	24	0.0	0.0	0.0
3	151	51	35	0.0	0.0	0.0
3	141	11	4	0.0	0.0	0.0
3	141	11	23	0.0	0.0	0.0
3	141	11	30	0.0	0.0	0.0
3	141	21	4	0.0	0.0	0.0
3	141	21	27	0.0	0.0	0.0
3	141	21	32	0.0	0.0	0.0
3	141	31	14	0.0	0.0	0.0
3	141	31	30	0.0	0.0	0.0
3	141	41	5	0.0	0.0	0.0
3	141	41	19	0.0	0.0	0.0
3	141	41	33	0.0	0.0	0.0
3	141	51	4	0.0	0.0	0.0
3	141	51	8	0.0	0.0	0.0
3	141	51	12	0.0	0.0	0.0
3	141	51	21	0.0	0.0	0.0

TABLE 51. SAMPLE SECTIONS AND LAND USE DATA

HENRY COUNTY

COUNTY	TWP	RNG	SECTION	NON-HABITAT 1938	1970	CHANGE
3	181	11	36	66.875	77.500	10.625
3	181	21	29	88.125	110.625	22.500
3	181	21	33	11.875	13.750	1.875
3	181	21	35	12.500	16.875	4.375
3	181	31	3	19.375	18.125	-1.250
3	181	31	18	5.625	10.000	4.375
3	181	31	36	0.625	1.875	1.250
3	181	41	3	6.875	7.500	0.625
3	181	41	32	26.250	20.000	-6.250
3	181	51	5	8.750	6.875	-1.875
3	181	51	10	18.125	22.500	4.375
3	181	51	17	11.250	15.000	3.750
3	181	51	22	20.000	20.000	0.0
3	181	51	29	11.250	11.875	0.625
3	171	11	15	22.500	105.625	83.125
3	171	11	32	13.125	17.500	4.375
3	171	11	35	10.625	23.125	12.500
3	171	21	1	52.500	13.750	-38.750
3	171	21	7	38.750	43.750	5.000
3	171	21	10	33.750	45.000	11.250
3	171	21	16	14.375	13.750	-0.625
3	171	31	4	6.250	15.000	8.750
3	171	31	11	11.250	20.625	9.375
3	171	31	24	21.875	24.375	2.500
3	171	41	2	12.500	19.375	6.875
3	171	41	8	13.750	14.375	0.625
3	171	41	10	15.625	16.250	0.625
3	171	41	20	23.125	28.750	5.625
3	171	51	12	3.750	10.000	6.250
3	171	51	15	9.375	9.375	0.0
3	171	51	17	8.125	4.375	-3.750
3	171	51	26	11.250	11.875	0.625
3	171	51	31	14.375	18.750	4.375
3	161	21	3	15.625	19.375	3.750
3	161	21	8	13.750	13.125	-0.625
3	161	21	12	20.000	21.875	1.875
3	161	21	18	7.500	8.750	1.250
3	161	21	33	10.000	7.500	-2.500
3	161	31	5	15.000	18.125	3.125
3	161	31	10	11.875	10.000	-1.875
3	161	31	13	13.750	11.250	-2.500
3	161	31	19	13.125	15.000	1.875
3	161	31	23	10.625	6.875	-3.750
3	161	31	27	24.375	18.750	-5.625
3	161	31	29	19.375	21.875	2.500
3	161	31	36	6.875	8.125	1.250
3	161	41	14	13.750	10.000	-3.750
3	161	41	27	16.875	18.750	1.875
3	161	51	9	9.375	7.500	-1.875
3	161	51	17	6.875	8.125	1.250

TABLE 51. CONTINUED

HENRY COUNTY NON-HABITAT

COUNTY	TWP	RNG	SECTION	1938	1970	CHANGE
3	161	51	30	24.375	20.000	-4.375
3	151	11	6	6.250	3.125	-3.125
3	151	11	27	11.875	10.000	-1.875
3	151	11	30	11.875	7.500	-4.375
3	151	21	2	18.125	18.750	0.625
3	151	21	8	36.875	55.625	18.750
3	151	21	18	10.625	16.250	5.625
3	151	21	22	10.000	10.000	0.0
3	151	21	34	13.125	4.375	-8.750
3	151	31	5	7.500	10.625	3.125
3	151	31	21	24.375	20.625	-3.750
3	151	31	27	23.125	20.625	-2.500
3	151	31	31	23.125	11.250	-11.875
3	151	41	18	15.000	15.000	0.0
3	151	41	25	20.000	18.125	-1.875
3	151	41	28	18.750	15.625	-3.125
3	151	51	3	15.625	17.500	1.875
3	151	51	24	18.750	20.625	1.875
3	151	51	35	15.000	15.625	0.625
3	141	11	4	16.250	17.500	1.250
3	141	11	23	23.125	23.125	0.0
3	141	11	30	18.750	12.500	-6.250
3	141	21	4	7.500	8.750	1.250
3	141	21	27	24.375	16.250	-8.125
3	141	21	32	9.375	8.125	-1.250
3	141	31	14	85.625	90.625	5.000
3	141	31	30	35.625	23.125	-12.500
3	141	41	5	9.375	11.875	2.500
3	141	41	19	20.625	17.500	-3.125
3	141	41	33	125.625	118.125	-7.500
3	141	51	4	230.625	350.625	120.000
3	141	51	8	15.000	13.750	-1.250
3	141	51	12	12.500	13.750	1.250
3	141	51	21	13.750	35.625	21.875

TABLE 52. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY INTSF INDEX

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	16.000	16.000	0.0
4	291	22	28	9.000	10.000	1.000
4	291	22	32	15.000	16.000	1.000
4	291	22	36	24.000	30.000	6.000
4	291	12	26	14.000	17.000	3.000
4	291	11	22	22.000	18.000	-4.000
4	291	11	24	15.000	16.000	1.000
4	291	11	34	22.000	23.000	1.000
4	291	21	32	15.000	15.000	0.0
4	291	21	34	15.000	12.000	-3.000
4	291	31	19	12.000	8.000	-4.000
4	291	31	28	6.000	8.000	2.000
4	291	31	35	15.000	16.000	1.000
4	291	41	34	14.000	13.000	-1.000
4	291	41	36	3.000	9.000	6.000
4	281	12	12	10.000	7.000	-3.000
4	281	12	15	12.000	9.000	-3.000
4	281	12	18	23.000	25.000	2.000
4	281	12	23	12.000	12.000	0.0
4	281	12	34	17.000	21.000	4.000
4	281	11	28	16.000	16.000	0.0
4	281	11	34	20.000	22.000	2.000
4	281	21	8	5.000	11.000	6.000
4	281	21	10	19.000	16.000	-3.000
4	281	21	19	18.000	19.000	1.000
4	281	21	29	11.000	11.000	0.0
4	281	31	22	11.000	14.000	3.000
4	281	31	30	12.000	12.000	0.0
4	281	41	9	12.000	15.000	3.000
4	281	41	31	12.000	13.000	1.000
4	281	51	8	7.000	7.000	0.0
4	281	51	20	1.000	0.0	-1.000
4	281	51	28	5.000	2.000	-3.000
4	281	51	32	8.000	6.000	-2.000
4	271	11	1	13.000	15.000	2.000
4	271	11	5	15.000	14.000	-1.000
4	271	11	25	14.000	17.000	3.000
4	271	11	33	14.000	17.000	3.000
4	271	21	2	12.000	13.000	1.000
4	271	21	9	14.000	13.000	-1.000
4	271	21	15	11.000	11.000	0.0
4	271	21	20	23.000	22.000	-1.000
4	271	21	36	11.000	18.000	7.000
4	271	31	1	14.000	13.000	-1.000
4	271	31	18	27.000	24.000	-3.000
4	271	31	32	14.000	14.000	0.0
4	271	41	7	18.000	18.000	0.0
4	271	41	12	8.000	8.000	0.0
4	271	41	35	15.000	18.000	3.000
4	261	11	2	0.0	2.000	2.000

TABLE 52. CONTINUED

JO DAVIESS COUNTY INTSF INDEX

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	12.000	17.000	5.000
4	261	21	6	17.000	18.000	1.000
4	261	21	12	9.000	9.000	0.0
4	261	21	14	6.000	12.000	6.000
4	261	21	24	9.000	8.000	-1.000
4	261	31	10	9.000	9.000	0.0
4	261	31	24	12.000	14.000	2.000
4	261	31	26	10.000	13.000	3.000
4	261	41	4	16.000	16.000	0.0
4	261	41	23	8.000	9.000	1.000
4	261	41	35	18.000	19.000	1.000
4	261	51	33	13.000	9.000	-4.000

TABLE 53. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1939	1970	CHANGE
4	291	22	22	318.750	305.625	-13.125
4	291	22	28	223.125	203.125	-20.000
4	291	22	32	76.250	23.750	-52.500
4	291	22	36	339.375	293.125	-46.250
4	291	12	26	350.625	364.375	13.750
4	291	11	22	205.625	227.500	21.875
4	291	11	24	343.750	382.500	38.750
4	291	11	34	244.375	204.375	-40.000
4	291	21	32	336.875	337.500	0.625
4	291	21	34	337.500	364.375	26.875
4	291	31	19	358.125	461.250	103.125
4	291	31	28	413.125	483.125	70.000
4	291	31	35	458.125	415.625	-42.500
4	291	41	34	420.625	397.500	-23.125
4	291	41	36	268.125	345.625	77.500
4	281	12	12	141.875	155.000	13.125
4	281	12	15	398.750	377.500	-21.250
4	281	12	18	96.875	70.625	-26.250
4	281	12	23	340.000	313.750	-26.250
4	281	12	34	18.750	13.750	-5.000
4	281	11	28	270.000	273.750	3.750
4	281	11	34	168.750	142.500	-26.250
4	281	21	8	81.250	103.750	22.500
4	281	21	10	335.625	119.375	-216.250
4	281	21	19	196.250	168.125	-28.125
4	281	21	29	73.125	79.375	6.250
4	281	31	22	358.125	318.750	-39.375
4	281	31	30	298.750	331.875	33.125
4	281	41	9	481.875	454.375	-27.500
4	281	41	31	397.500	379.375	-18.125
4	281	51	8	478.750	531.250	52.500
4	281	51	20	608.750	608.125	-0.625
4	281	51	28	594.375	616.250	21.875
4	281	51	32	536.875	553.750	16.875
4	271	11	1	185.625	206.250	20.625
4	271	11	5	315.625	251.875	-63.750
4	271	11	25	153.750	161.875	8.125
4	271	11	33	61.875	48.750	-13.125
4	271	21	2	190.625	225.000	34.375
4	271	21	9	61.250	176.250	115.000
4	271	21	15	209.375	221.875	12.500
4	271	21	20	248.750	361.875	113.125
4	271	21	36	222.500	278.125	55.625
4	271	31	1	165.625	188.125	22.500
4	271	31	18	264.375	295.000	30.625
4	271	31	32	236.875	308.125	71.250
4	271	41	7	370.625	422.500	51.875
4	271	41	12	544.375	524.375	-20.000
4	271	41	35	430.625	440.625	10.000
4	261	11	2	56.875	61.875	5.000

TABLE 53. CONTINUED

JO DAVIESS COUNTY FIELD CROP

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	178.125	201.250	23.125
4	261	21	12	124.375	134.375	10.000
4	261	21	14	151.875	182.500	30.625
4	261	21	24	112.125	77.500	-35.625
4	261	31	10	336.875	263.125	-73.750
4	261	31	24	292.500	377.500	85.000
4	261	31	26	212.500	216.250	3.750
4	261	41	4	408.125	465.000	56.875
4	261	41	23	142.500	191.875	49.375
4	261	41	35	356.250	405.625	49.375
4	261	51	33	393.750	451.250	57.500

TABLE 54. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY PASTURE

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	223.125	164.375	-58.750
4	291	22	28	288.750	196.250	-92.500
4	291	22	32	33.750	0.0	-33.750
4	291	22	36	244.375	240.000	-4.375
4	291	12	26	262.500	232.500	-30.000
4	291	11	22	329.375	316.250	-13.125
4	291	11	24	266.875	217.500	-49.375
4	291	11	34	217.500	232.500	15.000
4	291	21	32	272.500	271.875	-0.625
4	291	21	34	263.750	235.625	-28.125
4	291	31	19	237.500	133.750	-103.750
4	291	31	28	207.500	134.375	-73.125
4	291	31	35	146.875	186.250	39.375
4	291	41	34	111.875	136.250	24.375
4	291	41	36	353.750	216.250	-137.500
4	281	12	12	490.625	476.875	-13.750
4	281	12	15	210.000	233.125	23.125
4	281	12	18	223.125	181.875	-41.250
4	281	12	23	276.875	296.250	19.375
4	281	12	34	63.125	41.250	-21.875
4	281	11	28	330.000	325.625	-4.375
4	281	11	34	445.000	463.750	18.750
4	281	21	8	540.625	506.250	-34.375
4	281	21	10	287.500	497.500	210.000
4	281	21	19	430.625	451.875	21.250
4	281	21	29	550.625	538.750	-11.875
4	281	31	22	250.000	186.875	-63.125
4	281	31	30	310.625	270.625	-40.000
4	281	41	9	78.750	107.500	28.750
4	281	41	31	210.625	230.625	20.000
4	281	51	8	140.000	92.500	-47.500
4	281	51	20	7.500	8.125	0.625
4	281	51	28	17.500	0.0	-17.500
4	281	51	32	76.875	61.875	-15.000
4	271	11	1	380.625	326.250	-54.375
4	271	11	5	300.000	367.500	67.500
4	271	11	25	433.750	402.500	-31.250
4	271	11	33	171.875	145.625	-26.250
4	271	21	2	428.125	391.250	-36.875
4	271	21	9	348.125	289.375	-58.750
4	271	21	15	398.750	394.375	-4.375
4	271	21	20	355.625	230.000	-125.625
4	271	21	36	399.375	342.500	-56.875
4	271	31	1	433.125	414.375	-18.750
4	271	31	18	314.375	305.625	-8.750
4	271	31	32	373.750	293.750	-80.000
4	271	41	7	214.375	146.875	-67.500
4	271	41	12	42.500	48.750	6.250
4	271	41	35	178.125	160.625	-17.500
4	261	11	2	573.750	570.000	-3.750

TABLE 54. CONTINUED

JO DAVIESS COUNTY PASTURE

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	425.625	399.375	-26.250
4	261	21	12	483.750	415.625	-68.125
4	261	21	14	427.500	338.125	-89.375
4	261	21	24	513.750	385.625	-128.125
4	261	31	10	275.625	346.250	70.625
4	261	31	24	325.625	235.625	-90.000
4	261	31	26	414.375	355.625	-58.750
4	261	41	4	198.125	130.625	-67.500
4	261	41	23	339.375	341.250	1.875
4	261	41	35	242.500	124.375	-118.125
4	261	51	33	220.000	109.375	-110.625

TABLE 55. SAMPLE SECTIONS AND LAND USE DATA

JC DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	FOREST 1939	1970	CHANGE
4	291	22	22	46.875	115.625	68.750
4	291	22	28	89.375	104.375	15.000
4	291	22	32	114.375	228.125	113.750
4	291	22	36	23.125	52.500	29.375
4	291	12	26	9.375	20.625	11.250
4	291	11	22	66.250	63.750	-2.500
4	291	11	24	0.625	7.500	6.875
4	291	11	34	100.000	158.750	58.750
4	291	21	32	3.750	6.250	2.500
4	291	21	34	7.500	8.750	1.250
4	291	31	19	21.250	21.250	0.0
4	291	31	28	0.0	0.625	0.625
4	291	31	35	0.0	4.375	4.375
4	291	41	34	62.500	61.250	-1.250
4	291	41	36	0.0	49.375	49.375
4	281	12	12	0.0	1.875	1.875
4	281	12	15	8.125	6.250	-1.875
4	281	12	18	228.750	245.625	16.875
4	281	12	23	8.125	11.875	3.750
4	281	12	34	70.625	99.375	28.750
4	281	11	28	0.0	3.125	3.125
4	281	11	34	0.0	0.0	0.0
4	281	21	9	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	1.875	2.500	0.625
4	281	21	29	0.0	0.0	0.0
4	281	31	22	2.500	6.250	3.750
4	281	31	30	0.0	3.750	3.750
4	281	41	9	52.500	47.500	-5.000
4	281	41	31	0.0	1.875	1.875
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	59.375	95.625	36.250
4	271	11	5	1.875	1.250	-0.625
4	271	11	25	31.250	51.875	20.625
4	271	11	33	37.500	90.625	53.125
4	271	21	2	3.750	4.375	0.625
4	271	21	9	127.500	145.000	17.500
4	271	21	15	0.625	1.250	0.625
4	271	21	20	0.0	5.625	5.625
4	271	21	36	0.0	0.0	0.0
4	271	31	1	26.875	18.750	-8.125
4	271	31	18	13.750	8.750	-5.000
4	271	31	32	6.875	13.750	6.875
4	271	41	7	0.0	3.750	3.750
4	271	41	12	0.0	0.0	0.0
4	271	41	35	0.0	1.250	1.250
4	261	11	2	0.0	0.0	0.0

TABLE 55. CONTINUED

JO DAVIESS COUNTY FOREST

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	494.375	429.375	-65.000
4	261	21	6	2.500	7.500	5.000
4	261	21	12	4.375	60.625	56.250
4	261	21	14	50.000	103.125	53.125
4	261	21	24	6.250	94.375	88.125
4	261	31	10	2.500	3.750	1.250
4	261	31	24	3.125	1.250	-1.875
4	261	31	26	3.750	45.625	41.875
4	261	41	4	11.250	13.750	2.500
4	261	41	23	121.250	89.375	-31.375
4	261	41	35	24.375	85.000	60.625
4	261	51	33	14.375	64.375	50.000

TABLE 56. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	0.0	0.0	0.0
4	291	22	28	0.0	0.0	0.0
4	291	22	32	0.0	0.0	0.0
4	291	22	36	1.250	0.0	-1.250
4	291	12	26	0.625	0.0	-0.625
4	291	11	22	0.0	0.0	0.0
4	291	11	24	0.625	0.0	-0.625
4	291	11	34	0.0	0.0	0.0
4	291	21	32	0.625	0.0	-0.625
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	0.0	0.0	0.0
4	291	41	34	8.125	8.750	0.625
4	291	41	36	0.0	0.0	0.0
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	0.0	0.0	0.0
4	281	12	23	0.0	0.0	0.0
4	281	12	34	0.0	0.0	0.0
4	281	11	28	0.0	0.0	0.0
4	281	11	34	0.0	0.0	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	0.0	0.0
4	281	31	30	0.0	0.0	0.0
4	281	41	9	0.0	0.0	0.0
4	281	41	31	1.875	0.0	-1.875
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.625	0.0	-0.625
4	271	11	25	0.0	0.0	0.0
4	271	11	33	0.0	0.0	0.0
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	0.0	0.0	0.0
4	271	21	20	0.0	0.0	0.0
4	271	21	36	0.625	0.0	-0.625
4	271	31	1	0.0	0.0	0.0
4	271	31	18	0.0	0.0	0.0
4	271	31	32	0.0	0.0	0.0
4	271	41	7	0.0	0.0	0.0
4	271	41	12	0.0	0.0	0.0
4	271	41	35	0.0	0.0	0.0
4	261	11	2	0.0	0.0	0.0

TABLE 56. CONTINUED

JO DAVIESS COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	2.500	0.0	-2.500
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	1.250	0.0	-1.250
4	261	31	10	0.0	0.0	0.0
4	261	31	24	0.0	0.625	0.625
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	0.0	0.0
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	0.0	0.0

TABLE 57. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY OLD FIELD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	31.250	25.625	-5.625
4	291	22	28	24.375	78.125	53.750
4	291	22	32	21.875	13.750	-8.125
4	291	22	36	6.250	5.000	-1.250
4	291	12	26	7.500	5.000	-2.500
4	291	11	22	7.500	5.625	-1.875
4	291	11	24	0.625	1.250	0.625
4	291	11	34	44.375	19.375	-25.000
4	291	21	32	6.875	0.625	-6.250
4	291	21	34	4.375	7.500	3.125
4	291	31	19	5.000	5.000	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	6.250	1.250	-5.000
4	291	41	34	8.750	6.875	-1.875
4	291	41	36	4.375	8.750	4.375
4	281	12	12	1.250	1.250	0.0
4	281	12	15	5.000	6.250	1.250
4	281	12	18	0.625	15.000	14.375
4	281	12	23	1.875	0.0	-1.875
4	281	12	34	46.875	45.000	-1.875
4	281	11	28	0.0	0.0	0.0
4	281	11	34	3.125	8.125	5.000
4	281	21	8	0.0	1.875	1.875
4	281	21	17	0.0	0.0	0.0
4	281	21	19	0.0	1.250	1.250
4	281	21	29	0.0	1.875	1.875
4	281	31	22	10.000	47.500	37.500
4	281	31	30	3.125	1.250	-1.875
4	281	41	9	4.375	8.750	4.375
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	3.125	1.875	-1.250
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.625	0.0	-0.625
4	271	11	5	0.0	0.0	0.0
4	271	11	25	6.250	6.875	0.625
4	271	11	33	11.250	4.375	-6.875
4	271	21	2	2.500	5.625	3.125
4	271	21	9	90.625	11.875	-78.750
4	271	21	15	0.625	0.0	-0.625
4	271	21	20	0.625	8.125	7.500
4	271	21	36	0.0	3.125	3.125
4	271	31	1	2.500	1.250	-1.250
4	271	31	18	10.000	0.0	-10.000
4	271	31	32	4.375	0.0	-4.375
4	271	41	7	3.125	6.250	3.125
4	271	41	12	0.625	1.250	0.625
4	271	41	35	0.0	4.375	4.375
4	261	11	2	0.0	0.0	0.0

TABLE 57. CONTINUED

JC DAVIESS COUNTY OLD FIELD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	31.875	31.875
4	261	21	6	3.750	0.0	-3.750
4	261	21	12	8.750	5.000	-3.750
4	261	21	14	3.750	6.875	3.125
4	261	21	24	0.0	75.000	75.000
4	261	31	10	0.0	0.0	0.0
4	261	31	24	5.000	6.250	1.250
4	261	31	26	0.0	3.125	3.125
4	261	41	4	3.125	4.375	1.250
4	261	41	23	23.750	1.250	-22.500
4	261	41	35	1.875	8.750	6.875
4	261	51	33	4.375	0.0	-4.375

TABLE 58. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	5.000	4.375	-0.625
4	291	22	28	3.750	4.375	0.625
4	291	22	32	4.375	2.500	-1.875
4	291	22	36	3.750	7.500	3.750
4	291	12	26	1.875	10.625	8.750
4	291	11	22	7.500	9.375	1.875
4	291	11	24	5.625	5.000	-0.625
4	291	11	34	7.500	7.500	0.0
4	291	21	32	2.500	5.625	3.125
4	291	21	34	3.750	2.500	-1.250
4	291	31	19	3.125	3.125	0.0
4	291	31	28	1.875	0.625	-1.250
4	291	31	35	1.875	3.125	1.250
4	291	41	34	1.250	6.250	5.000
4	291	41	36	1.875	1.875	0.0
4	281	12	12	2.500	3.750	1.250
4	281	12	15	3.125	1.250	-1.875
4	281	12	18	1.875	0.0	-1.875
4	281	12	23	1.875	2.500	0.625
4	281	12	34	16.875	6.250	-10.625
4	281	11	28	10.000	3.750	-6.250
4	281	11	34	3.125	5.000	1.875
4	281	21	8	0.0	2.500	2.500
4	281	21	10	7.500	11.250	3.750
4	281	21	19	4.375	4.375	0.0
4	281	21	29	8.750	5.000	-3.750
4	281	31	22	5.625	6.250	0.625
4	281	31	30	3.750	3.125	-0.625
4	281	41	9	1.250	0.0	-1.250
4	281	41	31	2.500	3.750	1.250
4	281	51	8	0.0	1.875	1.875
4	281	51	20	3.750	3.750	0.0
4	281	51	28	3.750	4.375	0.625
4	281	51	32	0.0	0.0	0.0
4	271	11	1	3.750	3.750	0.0
4	271	11	5	1.875	2.500	0.625
4	271	11	25	2.500	5.000	2.500
4	271	11	33	9.375	9.375	0.0
4	271	21	2	0.625	1.250	0.625
4	271	21	9	1.250	3.125	1.875
4	271	21	15	5.625	3.750	-1.875
4	271	21	20	9.375	12.500	3.125
4	271	21	36	2.500	4.375	1.875
4	271	31	1	1.250	3.750	2.500
4	271	31	18	16.875	10.625	-6.250
4	271	31	32	3.125	3.750	0.625
4	271	41	7	3.750	16.875	13.125
4	271	41	12	0.625	2.500	1.875
4	271	41	35	2.500	4.375	1.875
4	261	11	2	3.125	1.875	-1.250

TABLE 58. CONTINUED

JO DAVIESS COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	13.125	13.750	0.625
4	261	21	12	1.875	0.0	-1.875
4	261	21	14	3.750	5.625	1.875
4	261	21	24	0.625	1.875	1.250
4	261	31	10	3.125	1.875	-1.250
4	261	31	24	3.750	8.750	5.000
4	261	31	26	1.250	7.500	6.250
4	261	41	4	1.250	4.375	3.125
4	261	41	23	2.500	4.375	1.875
4	261	41	35	1.875	2.500	0.625
4	261	51	33	3.750	7.500	3.750

TABLE 59. SAMPLE SECTIONS AND LAND USE DATA

JC DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1939	1970	CHANGE
4	291	22	22	0.0	0.0	0.0
4	291	22	28	0.0	0.0	0.0
4	291	22	32	73.750	35.000	-38.750
4	291	22	36	0.0	0.0	0.0
4	291	12	26	0.0	0.0	0.0
4	291	11	22	0.0	0.0	0.0
4	291	11	24	0.0	0.0	0.0
4	291	11	34	0.0	0.0	0.0
4	291	21	32	0.0	0.0	0.0
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	0.0	0.0	0.0
4	291	41	34	0.0	0.0	0.0
4	291	41	36	0.0	0.0	0.0
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	4.375	16.250	11.875
4	281	12	23	0.0	0.0	0.0
4	281	12	34	4.375	23.125	18.750
4	281	11	28	0.0	0.0	0.0
4	281	11	34	0.0	0.0	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	0.0	0.0
4	281	31	32	0.0	0.0	0.0
4	281	41	9	0.0	0.0	0.0
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.0	0.0	0.0
4	271	11	25	0.0	0.0	0.0
4	271	11	33	33.750	18.750	-15.000
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	0.0	0.0	0.0
4	271	21	20	0.0	0.0	0.0
4	271	21	36	0.0	0.0	0.0
4	271	31	1	0.0	0.0	0.0
4	271	31	18	0.0	0.0	0.0
4	271	31	32	0.0	0.0	0.0
4	271	41	7	0.0	0.0	0.0
4	271	41	12	0.0	0.0	0.0
4	271	41	35	0.0	0.0	0.0
4	261	11	2	0.0	0.0	0.0

TABLE 59. CONTINUED

JO DAVIESS COUNTY WETLAND

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	5.625	15.000	9.375
4	261	21	6	0.0	0.0	0.0
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	1.250	1.250
4	261	31	10	0.0	0.0	0.0
4	261	31	24	0.0	0.0	0.0
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	0.0	0.0
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	0.0	0.0

TABLE 60. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1939	1970	CHANGE
4	291	22	22	6.875	13.750	6.875
4	291	22	28	3.750	5.625	1.875
4	291	22	32	0.0	3.125	3.125
4	291	22	36	8.750	17.500	8.750
4	291	12	26	7.500	5.000	-2.500
4	291	11	22	1.875	2.500	0.625
4	291	11	24	9.375	13.750	4.375
4	291	11	34	4.375	3.750	-0.625
4	291	21	32	10.000	8.125	-1.875
4	291	21	34	6.875	6.875	0.0
4	291	31	19	6.875	6.875	0.0
4	291	31	28	9.375	15.625	6.250
4	291	31	35	7.500	9.375	1.875
4	291	41	34	9.375	8.750	-0.625
4	291	41	36	4.375	5.625	1.250
4	281	12	12	2.500	1.250	-1.250
4	281	12	15	10.625	13.125	2.500
4	281	12	18	0.0	0.625	0.625
4	281	12	23	5.625	8.125	2.500
4	281	12	34	3.750	6.250	2.500
4	281	11	28	15.000	15.625	0.625
4	281	11	34	6.875	5.000	-1.875
4	281	21	8	6.875	11.250	4.375
4	281	21	10	6.250	5.625	-0.625
4	281	21	19	3.750	4.375	0.625
4	281	21	29	3.125	3.125	0.0
4	281	31	22	8.125	6.875	-1.250
4	281	31	30	11.875	13.125	1.250
4	281	41	9	5.000	7.500	2.500
4	281	41	31	11.875	11.875	0.0
4	281	51	8	8.750	6.875	-1.875
4	281	51	20	6.875	9.375	2.500
4	281	51	28	6.875	5.000	-1.875
4	281	51	32	10.625	10.000	-0.625
4	271	11	1	2.500	3.750	1.250
4	271	11	5	5.625	4.375	-1.250
4	271	11	25	1.875	1.875	0.0
4	271	11	33	2.500	13.750	11.250
4	271	21	2	6.250	5.625	-0.625
4	271	21	9	3.750	5.000	1.250
4	271	21	15	11.250	7.500	-3.750
4	271	21	20	6.875	7.500	0.625
4	271	21	36	5.625	5.000	-0.625
4	271	31	1	6.875	8.125	1.250
4	271	31	18	11.875	5.000	-6.875
4	271	31	32	6.250	8.750	2.500
4	271	41	7	9.375	11.250	1.875
4	271	41	12	8.125	10.625	2.500
4	271	41	35	8.125	6.875	-1.250
4	261	11	2	5.625	3.750	-1.875

TABLE 60. CONTINUED

JO DAVIESS COUNTY BUILDINGS

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	8.750	8.750	0.0
4	261	21	12	9.375	10.625	1.250
4	261	21	14	3.125	3.750	0.625
4	261	21	24	5.000	4.375	-0.625
4	261	31	10	9.375	12.500	3.125
4	261	31	24	8.750	7.500	-1.250
4	261	31	26	6.250	9.375	3.125
4	261	41	4	6.875	10.000	3.125
4	261	41	23	4.375	3.125	-1.250
4	261	41	35	5.000	6.875	1.875
4	261	51	33	2.500	2.500	0.0

TABLE 61. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1939	1970	CHANGE
4	291	22	22	1.875	2.500	0.625
4	291	22	28	0.625	1.875	1.250
4	291	22	32	0.0	2.500	2.500
4	291	22	36	6.875	6.250	-0.625
4	291	12	26	0.0	0.0	0.0
4	291	11	22	1.875	1.875	0.0
4	291	11	24	4.375	5.000	0.625
4	291	11	34	1.250	1.250	0.0
4	291	21	32	3.125	4.375	1.250
4	291	21	34	8.750	8.125	-0.625
4	291	31	19	2.500	3.125	0.625
4	291	31	28	3.125	2.500	-0.625
4	291	31	35	9.375	6.250	-3.125
4	291	41	34	6.250	4.375	-1.875
4	291	41	36	5.625	3.750	-1.875
4	281	12	12	0.0	0.0	0.0
4	281	12	15	1.875	0.0	-1.875
4	281	12	18	0.0	0.0	0.0
4	281	12	23	1.875	3.125	1.250
4	281	12	34	0.0	0.0	0.0
4	281	11	28	8.125	8.750	0.625
4	281	11	34	6.250	6.875	0.625
4	281	21	8	5.625	8.125	2.500
4	281	21	10	2.500	3.125	0.625
4	281	21	19	1.875	3.750	1.875
4	281	21	29	3.750	5.000	1.250
4	281	31	22	3.750	17.500	13.750
4	281	31	30	6.250	8.750	2.500
4	281	41	9	10.000	8.125	-1.875
4	281	41	31	10.000	6.875	-3.125
4	281	51	8	5.625	4.375	-1.250
4	281	51	20	6.250	3.750	-2.500
4	281	51	28	8.125	5.625	-2.500
4	281	51	32	7.500	5.000	-2.500
4	271	11	1	5.000	3.125	-1.875
4	271	11	5	5.000	3.125	-1.875
4	271	11	25	5.625	4.375	-1.250
4	271	11	33	3.750	1.875	-1.875
4	271	21	2	4.375	2.500	-1.875
4	271	21	9	2.500	4.375	1.875
4	271	21	15	5.000	6.250	1.250
4	271	21	20	5.000	4.375	-0.625
4	271	21	36	3.125	4.375	1.250
4	271	31	1	2.500	3.125	0.625
4	271	31	18	1.875	3.125	1.250
4	271	31	32	3.125	3.125	0.0
4	271	41	7	7.500	11.250	3.750
4	271	41	12	6.250	6.875	0.625
4	271	41	35	6.875	9.375	2.500
4	261	11	2	0.625	0.0	-0.625

TABLE 61. CONTINUED

JO DAVIESS COUNTY ROADS

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	3.125	5.000	1.875
4	261	21	12	3.750	5.000	1.250
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	5.625	6.250	0.625
4	261	31	24	0.0	0.0	0.0
4	261	31	26	0.625	0.625	0.0
4	261	41	4	5.000	5.000	0.0
4	261	41	23	2.500	4.375	1.875
4	261	41	35	3.750	3.125	-0.625
4	261	51	33	0.0	0.625	0.625

TABLE 62. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	RAILROAD 1939	1970	CHANGE
4	291	22	22	0.0	0.0	0.0
4	291	22	28	0.625	0.0	-0.625
4	291	22	32	2.500	1.875	-0.625
4	291	22	36	0.0	0.0	0.0
4	291	12	26	0.0	0.0	0.0
4	291	11	22	3.750	0.0	-3.750
4	291	11	24	0.0	0.0	0.0
4	291	11	34	3.125	0.0	-3.125
4	291	21	32	0.0	0.0	0.0
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	0.0	0.0	0.0
4	291	41	34	0.0	0.0	0.0
4	291	41	36	0.0	0.0	0.0
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	8.750	10.000	1.250
4	281	12	23	0.0	0.0	0.0
4	281	12	34	3.125	1.875	-1.250
4	281	11	28	0.0	0.0	0.0
4	281	11	34	0.0	0.0	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	0.0	0.0
4	281	31	30	0.0	0.0	0.0
4	281	41	9	0.0	0.0	0.0
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.0	0.0	0.0
4	271	11	25	0.0	0.0	0.0
4	271	11	33	5.000	4.375	-0.625
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	0.0	0.0	0.0
4	271	21	20	3.125	3.125	0.0
4	271	21	36	0.0	0.0	0.0
4	271	31	1	0.0	0.0	0.0
4	271	31	18	0.0	0.0	0.0
4	271	31	32	0.0	0.0	0.0
4	271	41	7	4.375	3.750	-0.625
4	271	41	12	7.500	8.125	0.625
4	271	41	35	0.0	0.0	0.0
4	261	11	2	0.0	0.0	0.0

TABLE 62. CONTINUED

JO DAVIESS COUNTY RAILROAD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	0.0	0.0	0.0
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	0.0	0.0	0.0
4	261	31	24	0.0	0.0	0.0
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	0.0	0.0
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	0.0	0.0

TABLE 63. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1939	1970	CHANGE
4	291	22	22	1.875	1.875	0.0
4	291	22	28	3.125	0.625	-2.500
4	291	22	32	12.500	16.250	3.750
4	291	22	36	0.0	0.0	0.0
4	291	12	26	0.0	0.0	0.0
4	291	11	22	8.750	9.375	0.625
4	291	11	24	0.0	0.0	0.0
4	291	11	34	11.875	12.500	0.625
4	291	21	32	0.0	0.0	0.0
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	0.0	1.875	1.875
4	291	41	34	0.0	0.0	0.0
4	291	41	36	0.0	2.500	2.500
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	25.000	46.875	21.875
4	281	12	23	0.0	0.0	0.0
4	281	12	34	0.0	0.0	0.0
4	281	11	28	0.0	0.0	0.0
4	281	11	34	2.500	2.500	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.625	0.625
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	0.0	0.0
4	281	31	30	0.0	0.0	0.0
4	281	41	9	3.125	3.750	0.625
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.0	0.0	0.0
4	271	11	25	0.0	0.0	0.0
4	271	11	33	0.0	0.0	0.0
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	1.875	0.0	-1.875
4	271	21	20	0.625	0.0	-0.625
4	271	21	36	0.0	0.0	0.0
4	271	31	1	0.0	0.0	0.0
4	271	31	18	6.875	8.125	1.250
4	271	31	32	0.0	0.0	0.0
4	271	41	7	0.0	0.0	0.0
4	271	41	12	0.0	0.0	0.0
4	271	41	35	0.0	0.0	0.0
4	261	11	2	0.0	1.250	1.250

TABLE 63. CONTINUED

JO DAVIESS COUNTY WATER

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	71.250	91.250	20.000
4	261	21	6	0.0	0.0	0.0
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	0.0	0.625	0.625
4	261	31	24	0.0	0.625	0.625
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	1.250	1.250
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	0.625	0.625

TABLE 64. SAMPLE SECTIONS AND LAND USE DATA

JC DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1939	1970	CHANGE
4	291	22	22	4.375	6.250	1.875
4	291	22	28	2.500	3.125	0.625
4	291	22	32	4.375	5.000	0.625
4	291	22	36	6.250	18.125	11.875
4	291	12	26	0.0	1.875	1.875
4	291	11	22	7.500	3.750	-3.750
4	291	11	24	6.875	6.250	-0.625
4	291	11	34	5.625	0.0	-5.625
4	291	21	32	3.750	5.625	1.875
4	291	21	34	7.500	6.250	-1.250
4	291	31	19	5.625	5.625	0.0
4	291	31	28	5.000	3.125	-1.875
4	291	31	35	10.000	11.875	1.875
4	291	41	34	11.250	10.000	-1.250
4	291	41	36	1.875	6.250	4.375
4	281	12	12	1.250	0.0	-1.250
4	281	12	15	2.500	2.500	0.0
4	281	12	18	11.875	8.750	-3.125
4	281	12	23	3.750	4.375	0.625
4	281	12	34	1.875	2.500	0.625
4	281	11	29	6.875	9.375	2.500
4	281	11	34	4.375	6.250	1.875
4	281	21	8	5.625	6.250	0.625
4	281	21	10	0.625	2.500	1.875
4	281	21	19	1.250	3.750	2.500
4	281	21	29	0.625	6.875	6.250
4	281	31	22	1.875	11.875	10.000
4	281	31	30	5.625	7.500	1.875
4	281	41	9	3.125	2.500	-0.625
4	281	41	31	5.625	5.625	0.0
4	281	51	8	6.875	3.125	-3.750
4	281	51	20	6.875	6.875	0.0
4	281	51	28	6.250	6.875	0.625
4	281	51	32	8.125	9.375	1.250
4	271	11	1	2.500	1.250	-1.250
4	271	11	5	9.375	9.375	0.0
4	271	11	25	5.000	5.625	0.625
4	271	11	33	8.750	11.875	3.125
4	271	21	2	3.750	4.375	0.625
4	271	21	9	5.000	5.000	0.0
4	271	21	15	6.875	5.000	-1.875
4	271	21	20	10.000	6.875	-3.125
4	271	21	36	6.250	2.500	-3.750
4	271	31	1	1.250	2.500	1.250
4	271	31	18	0.0	3.750	3.750
4	271	31	32	5.625	8.750	3.125
4	271	41	7	26.875	17.500	-9.375
4	271	41	12	10.625	9.375	-1.250
4	271	41	35	13.750	11.250	-2.500
4	261	11	2	0.0	1.250	1.250

TABLE 64. CONTINUED

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	2.500	1.875	-0.625
4	261	21	12	3.750	8.750	5.000
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	6.875	5.625	-1.250
4	261	31	24	1.250	1.875	0.625
4	261	31	25	1.250	1.875	0.625
4	261	41	4	6.250	5.625	-0.625
4	261	41	23	3.750	4.375	0.625
4	261	41	35	4.375	3.750	-0.625
4	261	51	33	1.250	1.250	0.0

TABLE 65. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	0.0	0.0	0.0
4	291	22	28	0.0	0.0	0.0
4	291	22	32	0.0	0.0	0.0
4	291	22	36	0.0	0.0	0.0
4	291	12	26	0.0	0.0	0.0
4	291	11	22	0.0	0.0	0.0
4	291	11	24	0.0	0.0	0.0
4	291	11	34	0.0	0.0	0.0
4	291	21	32	0.0	0.0	0.0
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	0.0	0.0	0.0
4	291	41	34	0.0	0.0	0.0
4	291	41	36	0.0	0.0	0.0
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	0.0	0.0	0.0
4	281	12	23	0.0	0.0	0.0
4	281	12	34	0.0	0.0	0.0
4	281	11	28	0.0	0.0	0.0
4	281	11	34	0.0	0.0	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	0.0	0.0
4	281	31	30	0.0	0.0	0.0
4	281	41	9	0.0	0.0	0.0
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.0	0.0	0.0
4	271	11	25	0.0	0.0	0.0
4	271	11	33	0.0	0.0	0.0
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	0.0	0.0	0.0
4	271	21	20	0.0	0.0	0.0
4	271	21	36	0.0	0.0	0.0
4	271	31	1	0.0	0.0	0.0
4	271	31	18	0.0	0.0	0.0
4	271	31	32	0.0	0.0	0.0
4	271	41	7	0.0	0.0	0.0
4	271	41	12	19.375	21.875	2.500
4	271	41	35	0.0	0.0	0.0
4	261	11	2	0.0	0.0	0.0

TABLE 65. CONTINUED

JO DAVIESS COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	72.500	72.500
4	261	21	6	0.0	0.0	0.0
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	0.0	0.0	0.0
4	261	31	24	0.0	0.0	0.0
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	0.0	0.0
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	0.0	0.0

TABLE 66. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	OTHER 1939	1970	CHANGE
4	291	22	22	0.0	0.0	0.0
4	291	22	28	0.0	42.500	42.500
4	291	22	32	296.250	308.125	11.875
4	291	22	36	0.0	0.0	0.0
4	291	12	26	0.0	0.0	0.0
4	291	11	22	0.0	0.0	0.0
4	291	11	24	1.250	1.250	0.0
4	291	11	34	0.0	0.0	0.0
4	291	21	32	0.0	0.0	0.0
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	23	0.0	0.0	0.0
4	291	31	35	0.0	0.0	0.0
4	291	41	34	0.0	0.0	0.0
4	291	41	36	0.0	0.0	0.0
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	38.750	44.375	5.625
4	281	12	23	0.0	0.0	0.0
4	281	12	34	410.625	400.625	-10.000
4	281	11	28	0.0	0.0	0.0
4	281	11	34	0.0	0.0	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	38.125	38.125
4	281	31	30	0.0	0.0	0.0
4	281	41	9	0.0	0.0	0.0
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.0	0.0	0.0
4	271	11	25	0.0	0.0	0.0
4	271	11	33	294.375	290.625	-3.750
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	0.0	0.0	0.0
4	271	21	20	0.0	0.0	0.0
4	271	21	36	0.0	0.0	0.0
4	271	31	1	0.0	0.0	0.0
4	271	31	18	0.0	0.0	0.0
4	271	31	32	0.0	0.0	0.0
4	271	41	7	0.0	0.0	0.0
4	271	41	12	0.0	6.250	6.250
4	271	41	35	0.0	1.250	1.250
4	261	11	2	0.0	0.0	0.0

TABLE 66. CONTINUED

JO DAVIESS COUNTY

COUNTY	TWP	RNG	SECTION	OTHER 1939	1970	CHANGE
4	261	11	22	68.750	0.0	-68.750
4	261	21	6	0.0	2.500	2.500
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	0.0	0.0	0.0
4	261	31	24	0.0	0.0	0.0
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	0.0	0.0
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	2.500	2.500

TABLE 67. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY STRIPMINED

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	0.0	0.0	0.0
4	291	22	28	0.0	0.0	0.0
4	291	22	32	0.0	0.0	0.0
4	291	22	36	0.0	0.0	0.0
4	291	12	26	0.0	0.0	0.0
4	291	11	22	0.0	0.0	0.0
4	291	11	24	0.0	0.0	0.0
4	291	11	34	0.0	0.0	0.0
4	291	21	32	0.0	0.0	0.0
4	291	21	34	0.0	0.0	0.0
4	291	31	19	0.0	0.0	0.0
4	291	31	28	0.0	0.0	0.0
4	291	31	35	0.0	0.0	0.0
4	291	41	34	0.0	0.0	0.0
4	291	41	36	0.0	0.0	0.0
4	281	12	12	0.0	0.0	0.0
4	281	12	15	0.0	0.0	0.0
4	281	12	18	0.0	0.0	0.0
4	281	12	23	0.0	0.0	0.0
4	281	12	34	0.0	0.0	0.0
4	281	11	28	0.0	0.0	0.0
4	281	11	34	0.0	0.0	0.0
4	281	21	8	0.0	0.0	0.0
4	281	21	10	0.0	0.0	0.0
4	281	21	19	0.0	0.0	0.0
4	281	21	29	0.0	0.0	0.0
4	281	31	22	0.0	0.0	0.0
4	281	31	30	0.0	0.0	0.0
4	281	41	9	0.0	0.0	0.0
4	281	41	31	0.0	0.0	0.0
4	281	51	8	0.0	0.0	0.0
4	281	51	20	0.0	0.0	0.0
4	281	51	28	0.0	0.0	0.0
4	281	51	32	0.0	0.0	0.0
4	271	11	1	0.0	0.0	0.0
4	271	11	5	0.0	0.0	0.0
4	271	11	25	0.0	0.0	0.0
4	271	11	33	0.0	0.0	0.0
4	271	21	2	0.0	0.0	0.0
4	271	21	9	0.0	0.0	0.0
4	271	21	15	0.0	0.0	0.0
4	271	21	20	0.0	0.0	0.0
4	271	21	36	0.0	0.0	0.0
4	271	31	1	0.0	0.0	0.0
4	271	31	18	0.0	0.0	0.0
4	271	31	32	0.0	0.0	0.0
4	271	41	7	0.0	0.0	0.0
4	271	41	12	0.0	0.0	0.0
4	271	41	35	0.0	0.0	0.0
4	261	11	2	0.0	0.0	0.0

TABLE 67. CONTINUED

JO DAVIESS COUNTY STRIPMINED

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	0.0	0.0	0.0
4	261	21	6	0.0	0.0	0.0
4	261	21	12	0.0	0.0	0.0
4	261	21	14	0.0	0.0	0.0
4	261	21	24	0.0	0.0	0.0
4	261	31	10	0.0	0.0	0.0
4	261	31	24	0.0	0.0	0.0
4	261	31	26	0.0	0.0	0.0
4	261	41	4	0.0	0.0	0.0
4	261	41	23	0.0	0.0	0.0
4	261	41	35	0.0	0.0	0.0
4	261	51	33	0.0	0.0	0.0

TABLE 68. SAMPLE SECTIONS AND LAND USE DATA

JO DAVIESS COUNTY NON-HABITAT

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	291	22	22	8.750	16.250	7.500
4	291	22	28	5.000	50.000	45.000
4	291	22	32	298.750	315.625	16.875
4	291	22	36	15.625	23.750	8.125
4	291	12	26	7.500	5.000	-2.500
4	291	11	22	7.500	4.375	-3.125
4	291	11	24	15.000	20.000	5.000
4	291	11	34	8.750	5.000	-3.750
4	291	21	32	13.125	12.500	-0.625
4	291	21	34	15.625	15.000	-0.625
4	291	31	19	9.375	10.000	0.625
4	291	31	28	12.500	18.125	5.625
4	291	31	35	16.875	15.625	-1.250
4	291	41	34	15.625	13.125	-2.500
4	291	41	36	10.000	9.375	-0.625
4	281	12	12	2.500	1.250	-1.250
4	281	12	15	12.500	13.125	0.625
4	281	12	18	47.500	55.000	7.500
4	281	12	23	7.500	11.250	3.750
4	281	12	34	417.500	408.750	-8.750
4	281	11	28	23.125	24.375	1.250
4	281	11	34	13.125	11.875	-1.250
4	281	21	8	12.500	19.375	6.875
4	281	21	10	8.750	8.750	0.0
4	281	21	19	5.625	8.125	2.500
4	281	21	29	6.875	8.125	1.250
4	281	31	22	11.875	62.500	50.625
4	281	31	30	18.125	21.875	3.750
4	281	41	9	15.000	15.625	0.625
4	281	41	31	21.875	18.750	-3.125
4	281	51	8	14.375	11.250	-3.125
4	281	51	20	13.125	13.125	0.0
4	281	51	28	15.000	10.625	-4.375
4	281	51	32	18.125	15.000	-3.125
4	271	11	1	7.500	6.875	-0.625
4	271	11	5	10.625	7.500	-3.125
4	271	11	25	7.500	6.250	-1.250
4	271	11	33	305.625	310.625	5.000
4	271	21	2	10.625	8.125	-2.500
4	271	21	9	6.250	9.375	3.125
4	271	21	15	16.250	13.750	-2.500
4	271	21	20	15.000	15.000	0.0
4	271	21	36	8.750	9.375	0.625
4	271	31	1	9.375	11.250	1.875
4	271	31	18	13.750	8.125	-5.625
4	271	31	32	9.375	11.875	2.500
4	271	41	7	21.250	26.250	5.000
4	271	41	12	41.250	53.750	12.500
4	271	41	35	15.000	17.500	2.500
4	261	11	2	6.250	3.750	-2.500

TABLE 68. CONTINUED

JO DAVIESS COUNTY NON-HABITAT

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
4	261	11	22	68.750	72.500	3.750
4	261	21	6	11.875	16.250	4.375
4	261	21	12	13.125	15.625	2.500
4	261	21	14	3.125	3.750	0.625
4	261	21	24	5.000	4.375	-0.625
4	261	31	10	15.000	18.750	3.750
4	261	31	24	8.750	7.500	-1.250
4	261	31	26	6.875	10.000	3.125
4	261	41	4	11.875	15.000	3.125
4	261	41	23	6.875	7.500	0.625
4	261	41	35	8.750	10.000	1.250
4	261	51	33	2.500	5.625	3.125

TABLE 69. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	INTSF INDEX 1939	1967	CHANGE
5	431	91	12	23.000	23.000	0.0
5	431	91	25	28.000	26.000	-2.000
5	431	101	2	13.000	18.000	5.000
5	431	101	9	14.000	20.000	6.000
5	431	101	28	9.000	17.000	8.000
5	431	101	32	18.000	19.000	1.000
5	431	111	14	16.000	20.000	4.000
5	431	111	17	19.000	19.000	0.0
5	431	111	22	12.000	12.000	0.0
5	431	121	8	28.000	25.000	-3.000
5	431	121	16	27.000	24.000	-3.000
5	431	121	31	16.000	16.000	0.0
5	431	121	33	12.000	13.000	1.000
5	441	91	4	9.000	12.000	3.000
5	441	91	24	19.000	23.000	4.000
5	441	101	2	17.000	15.000	-2.000
5	441	101	21	11.000	15.000	4.000
5	441	101	26	11.000	15.000	4.000
5	441	101	34	17.000	21.000	4.000
5	441	111	3	23.000	23.000	0.0
5	441	111	6	16.000	14.000	-2.000
5	441	111	8	22.000	28.000	6.000
5	441	111	19	34.000	27.000	-7.000
5	441	111	28	15.000	17.000	2.000
5	441	111	36	15.000	14.000	-1.000
5	441	121	16	26.000	23.000	-3.000
5	441	121	31	28.000	31.000	3.000
5	451	91	21	20.000	22.000	2.000
5	451	101	3	17.000	23.000	6.000
5	451	101	13	15.000	13.000	-2.000
5	451	111	5	22.000	26.000	4.000
5	451	111	9	14.000	21.000	7.000
5	451	111	22	21.000	28.000	7.000
5	451	111	25	25.000	19.000	-6.000
5	451	111	28	18.000	24.000	6.000
5	451	121	11	3.000	4.000	1.000
5	451	121	20	24.000	2.000	-22.000
5	451	121	30	25.000	24.000	-1.000
5	451	121	35	1.000	1.000	0.0
5	461	91	11	12.000	12.000	0.0
5	461	101	6	19.000	22.000	3.000
5	461	101	17	26.000	27.000	1.000
5	461	101	31	22.000	24.000	2.000
5	461	101	33	15.000	15.000	0.0
5	461	111	4	14.000	13.000	-1.000
5	461	111	7	9.000	14.000	5.000
5	461	111	10	17.000	18.000	1.000
5	461	111	36	12.000	21.000	9.000
5	461	121	7	13.000	10.000	-3.000

TABLE 7C. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1939	1967	CHANGE
5	431	91	12	271.250	124.375	-146.875
5	431	91	25	333.125	119.375	-213.750
5	431	101	2	478.125	470.000	-8.125
5	431	101	9	491.875	446.250	-45.625
5	431	101	28	410.000	341.250	-68.750
5	431	101	32	468.125	320.625	-147.500
5	431	111	14	164.375	89.375	-75.000
5	431	111	17	468.750	328.125	-140.625
5	431	111	22	554.375	250.625	-303.750
5	431	121	8	311.250	233.750	-77.500
5	431	121	16	196.875	39.375	-157.500
5	431	121	31	431.250	207.500	-223.750
5	431	121	33	121.250	0.0	-121.250
5	441	91	4	548.750	539.375	-9.375
5	441	91	24	275.625	183.750	-91.875
5	441	101	2	342.500	509.375	166.875
5	441	101	21	421.250	447.500	26.250
5	441	101	26	436.875	431.250	-5.625
5	441	101	34	306.250	300.000	-6.250
5	441	111	3	426.250	214.375	-211.875
5	441	111	6	475.000	442.500	-32.500
5	441	111	8	379.375	302.500	-76.875
5	441	111	19	65.000	18.125	-46.875
5	441	111	28	418.750	441.875	23.125
5	441	111	36	11.875	256.875	245.000
5	441	121	16	81.250	81.875	0.625
5	441	121	31	325.000	255.000	-70.000
5	451	91	21	194.375	123.125	-71.250
5	451	101	3	355.000	314.375	-40.625
5	451	101	13	209.375	123.125	-86.250
5	451	111	5	303.750	330.625	26.875
5	451	111	9	516.250	491.250	-25.000
5	451	111	22	436.875	351.875	-85.000
5	451	111	25	278.125	192.500	-85.625
5	451	111	28	441.875	436.875	-5.000
5	451	121	11	0.0	0.0	0.0
5	451	121	20	94.375	0.0	-94.375
5	451	121	30	421.875	452.500	30.625
5	451	121	35	0.0	0.0	0.0
5	461	91	11	131.875	122.500	-9.375
5	461	101	6	424.375	412.500	-11.875
5	461	101	17	256.250	189.375	-66.875
5	461	101	31	356.250	249.375	-106.875
5	461	101	33	56.250	0.0	-56.250
5	461	111	4	393.125	379.375	-13.750
5	461	111	7	549.375	483.125	-66.250
5	461	111	10	338.125	289.375	-48.750
5	461	111	36	338.750	387.500	48.750
5	461	121	7	530.000	533.750	3.750

TABLE 71. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	PASTURE 1939	1967	CHANGE
5	431	91	12	186.250	36.250	-150.000
5	431	91	25	184.375	8.750	-175.625
5	431	101	2	60.625	26.250	-34.375
5	431	101	9	41.875	1.875	-40.000
5	431	101	28	163.750	74.375	-89.375
5	431	101	32	98.125	3.750	-94.375
5	431	111	14	36.250	35.000	-1.250
5	431	111	17	63.750	70.625	6.875
5	431	111	22	43.750	0.0	-43.750
5	431	121	8	56.875	21.250	-35.625
5	431	121	16	94.375	0.0	-94.375
5	431	121	31	21.875	21.875	0.0
5	431	121	33	84.375	8.750	-75.625
5	441	91	4	20.000	8.750	-11.250
5	441	91	24	132.500	23.750	-108.750
5	441	101	2	101.250	0.0	-101.250
5	441	101	21	81.875	26.875	-55.000
5	441	101	26	42.500	12.500	-30.000
5	441	101	34	145.000	31.875	-113.125
5	441	111	3	171.875	235.625	63.750
5	441	111	6	80.000	0.0	-80.000
5	441	111	8	131.250	0.0	-131.250
5	441	111	19	27.500	0.0	-27.500
5	441	111	28	157.500	104.375	-53.125
5	441	111	36	426.250	63.125	-363.125
5	441	121	16	66.875	33.125	-33.750
5	441	121	31	168.750	73.750	-95.000
5	451	91	21	49.375	0.0	-49.375
5	451	101	3	114.375	48.750	-65.625
5	451	101	13	199.375	221.250	21.875
5	451	111	5	258.125	53.750	-204.375
5	451	111	9	34.375	3.750	-30.625
5	451	111	22	100.000	3.750	-96.250
5	451	111	25	106.250	0.0	-106.250
5	451	111	28	84.375	2.500	-81.875
5	451	121	11	0.0	0.0	0.0
5	451	121	20	38.750	0.0	-38.750
5	451	121	30	95.625	7.500	-88.125
5	451	121	35	0.0	0.0	0.0
5	461	91	11	60.000	5.000	-55.000
5	461	101	6	77.500	24.375	-53.125
5	461	101	17	175.000	0.0	-175.000
5	461	101	31	215.625	36.875	-178.750
5	461	101	33	75.000	90.625	15.625
5	461	111	4	157.500	53.750	-103.750
5	461	111	7	50.000	33.125	-16.875
5	461	111	10	108.750	15.625	-93.125
5	461	111	36	43.750	0.0	-43.750
5	461	121	7	61.250	28.750	-32.500

TABLE 72. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	FOREST 1939	FOREST 1967	FOREST CHANGE
5	431	91	12	26.250	41.250	15.000
5	431	91	25	3.125	48.125	45.000
5	431	101	2	12.500	39.375	26.875
5	431	101	9	0.0	5.625	5.625
5	431	101	28	0.0	80.000	80.000
5	431	101	32	0.625	13.125	12.500
5	431	111	14	330.625	313.750	-16.875
5	431	111	17	0.0	8.750	8.750
5	431	111	22	0.0	0.0	0.0
5	431	121	8	95.625	121.250	25.625
5	431	121	16	79.375	81.250	1.875
5	431	121	31	0.0	0.0	0.0
5	431	121	33	34.375	36.875	2.500
5	441	91	4	3.125	8.750	5.625
5	441	91	24	11.875	27.500	15.625
5	441	101	2	0.0	1.875	1.875
5	441	101	21	0.0	36.875	36.875
5	441	101	26	0.625	6.250	5.625
5	441	101	34	18.125	87.500	69.375
5	441	111	3	0.0	20.625	20.625
5	441	111	6	0.0	10.000	10.000
5	441	111	8	0.625	20.625	20.000
5	441	111	19	190.625	214.375	23.750
5	441	111	28	0.625	7.500	6.875
5	441	111	36	43.750	79.375	35.625
5	441	121	16	223.750	230.625	6.875
5	441	121	31	29.375	61.875	32.500
5	451	91	21	19.375	67.500	48.125
5	451	101	3	1.250	30.000	28.750
5	451	101	13	12.500	48.125	35.625
5	451	111	5	18.750	93.125	74.375
5	451	111	9	0.0	0.0	0.0
5	451	111	22	0.0	25.625	25.625
5	451	111	25	3.750	64.375	60.625
5	451	111	28	12.500	24.375	11.875
5	451	121	11	0.0	0.0	0.0
5	451	121	20	15.000	5.000	-10.000
5	451	121	30	0.0	14.375	14.375
5	451	121	35	0.0	5.000	5.000
5	461	91	11	16.875	32.500	15.625
5	461	101	6	0.0	16.875	16.875
5	461	101	17	1.250	18.125	16.875
5	461	101	31	1.250	77.500	76.250
5	461	101	33	19.375	67.500	48.125
5	461	111	4	20.625	43.125	22.500
5	461	111	7	3.750	16.875	13.125
5	461	111	10	7.500	30.000	22.500
5	461	111	36	1.875	15.000	13.125
5	461	121	7	0.0	1.875	1.875

TABLE 73. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
5	431	91	12	2.500	5.625	3.125
5	431	91	25	0.0	8.125	8.125
5	431	101	2	8.125	1.875	-6.250
5	431	101	9	7.500	0.625	-6.875
5	431	101	28	3.750	1.875	-1.875
5	431	101	32	2.500	1.250	-1.250
5	431	111	14	23.125	1.250	-21.875
5	431	111	17	63.750	156.875	93.125
5	431	111	22	2.500	33.750	31.250
5	431	121	8	0.625	0.625	0.0
5	431	121	16	1.250	9.375	8.125
5	431	121	31	83.750	18.750	-65.000
5	431	121	33	0.625	0.0	-0.625
5	441	91	4	7.500	0.0	-7.500
5	441	91	24	11.250	0.625	-10.625
5	441	101	2	1.250	1.250	0.0
5	441	101	21	1.250	1.250	0.0
5	441	101	26	11.250	11.875	0.625
5	441	101	34	5.000	11.875	6.875
5	441	111	3	0.0	0.0	0.0
5	441	111	6	6.250	45.625	39.375
5	441	111	8	30.000	45.625	15.625
5	441	111	19	0.0	0.0	0.0
5	441	111	28	3.125	2.500	-0.625
5	441	111	36	1.875	0.0	-1.875
5	441	121	16	3.125	5.000	1.875
5	441	121	31	1.875	0.0	-1.875
5	451	91	21	0.0	1.250	1.250
5	451	101	3	6.250	1.875	-4.375
5	451	101	13	1.250	0.0	-1.250
5	451	111	5	1.250	1.875	0.625
5	451	111	9	2.500	0.0	-2.500
5	451	111	22	0.0	0.0	0.0
5	451	111	25	1.875	3.125	1.250
5	451	111	28	2.500	0.0	-2.500
5	451	121	11	0.0	0.0	0.0
5	451	121	20	0.0	0.0	0.0
5	451	121	30	10.625	10.000	-0.625
5	451	121	35	0.0	0.0	0.0
5	461	91	11	0.0	0.0	0.0
5	461	101	6	0.0	5.625	5.625
5	461	101	17	4.375	0.625	-3.750
5	461	101	31	5.625	1.250	-4.375
5	461	101	33	2.500	0.0	-2.500
5	461	111	4	0.0	0.0	0.0
5	461	111	7	0.625	0.0	-0.625
5	461	111	10	0.625	12.500	11.875
5	461	111	36	8.125	1.875	-6.250
5	461	121	7	1.875	0.0	-1.875

TABLE 74. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	CLC FIELD 1939	1967	CHANGE
5	431	91	12	23.125	216.875	193.750
5	431	91	25	10.625	169.375	158.750
5	431	101	2	1.250	20.000	18.750
5	431	101	9	0.0	43.125	43.125
5	431	101	28	8.125	27.500	19.375
5	431	101	32	0.0	20.000	20.000
5	431	111	14	38.750	67.500	28.750
5	431	111	17	1.875	28.750	26.875
5	431	111	22	0.0	76.875	76.875
5	431	121	8	78.750	125.625	46.875
5	431	121	16	175.000	206.875	31.875
5	431	121	31	0.0	85.625	85.625
5	431	121	33	114.375	64.375	-50.000
5	441	91	4	9.375	13.750	4.375
5	441	91	24	11.250	111.875	100.625
5	441	101	2	0.0	3.125	3.125
5	441	101	21	1.875	10.000	8.125
5	441	101	26	0.0	33.750	33.750
5	441	101	34	25.625	36.875	11.250
5	441	111	3	0.0	55.625	55.625
5	441	111	6	18.125	75.000	56.875
5	441	111	8	46.875	86.875	40.000
5	441	111	19	145.625	43.125	-102.500
5	441	111	28	5.000	16.250	11.250
5	441	111	36	20.625	33.750	13.125
5	441	121	16	27.500	18.125	-9.375
5	441	121	31	26.250	107.500	81.250
5	451	91	21	27.500	103.750	76.250
5	451	101	3	21.250	56.250	35.000
5	451	101	13	8.125	38.750	30.625
5	451	111	5	20.625	85.625	65.000
5	451	111	9	0.0	26.250	26.250
5	451	111	22	8.750	74.375	65.625
5	451	111	25	114.375	103.750	-10.625
5	451	111	28	14.375	67.500	53.125
5	451	121	11	103.750	111.250	7.500
5	451	121	20	58.750	3.750	-55.000
5	451	121	30	21.875	60.000	38.125
5	451	121	35	118.750	111.250	-7.500
5	461	91	11	21.875	41.875	20.000
5	461	101	6	1.875	27.500	25.625
5	461	101	17	35.625	123.750	88.125
5	461	101	31	2.500	161.875	159.375
5	461	101	33	26.250	48.125	21.875
5	461	111	4	13.750	30.000	16.250
5	461	111	7	0.625	64.375	63.750
5	461	111	10	39.375	41.875	2.500
5	461	111	36	34.375	31.875	-2.500
5	461	121	7	0.0	15.000	15.000

TABLE 75. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
5	431	91	12	13.125	18.125	5.000
5	431	91	25	7.500	10.000	2.500
5	431	101	2	12.500	17.500	5.000
5	431	101	9	8.125	10.625	2.500
5	431	101	28	3.125	10.625	7.500
5	431	101	32	6.250	9.375	3.125
5	431	111	14	8.125	6.250	-1.875
5	431	111	17	7.500	18.750	11.250
5	431	111	22	10.625	8.750	-1.875
5	431	121	8	31.875	34.375	2.500
5	431	121	16	10.625	30.625	20.000
5	431	121	31	3.125	11.250	8.125
5	431	121	33	18.750	13.750	-5.000
5	441	91	4	6.250	9.375	3.125
5	441	91	24	10.000	6.250	-3.750
5	441	101	2	11.250	6.875	-4.375
5	441	101	21	5.625	2.500	-3.125
5	441	101	26	3.125	7.500	4.375
5	441	101	34	8.750	13.125	4.375
5	441	111	3	9.375	17.500	8.125
5	441	111	6	9.375	11.250	1.875
5	441	111	8	15.000	25.625	10.625
5	441	111	19	9.375	5.625	-3.750
5	441	111	28	16.250	18.125	1.875
5	441	111	36	29.375	15.625	-13.750
5	441	121	16	13.750	13.125	-0.625
5	441	121	31	32.500	51.875	19.375
5	451	91	21	1.250	7.500	6.250
5	451	101	3	12.500	7.500	-5.000
5	451	101	13	9.375	7.500	-1.875
5	451	111	5	5.625	13.750	8.125
5	451	111	9	9.375	15.625	6.250
5	451	111	22	17.500	22.500	5.000
5	451	111	25	3.750	6.875	3.125
5	451	111	28	10.625	26.250	15.625
5	451	121	11	1.875	1.250	-0.625
5	451	121	20	10.625	0.0	-10.625
5	451	121	30	10.000	8.750	-1.250
5	451	121	35	0.0	0.0	0.0
5	461	91	11	10.625	3.750	-6.875
5	461	101	6	5.000	8.750	3.750
5	461	101	17	6.250	5.625	-0.625
5	461	101	31	6.875	9.375	2.500
5	461	101	33	14.375	8.750	-5.625
5	461	111	4	6.250	8.750	2.500
5	461	111	7	6.875	7.500	0.625
5	461	111	10	6.875	9.375	2.500
5	461	111	36	8.750	10.000	1.250
5	461	121	7	11.875	19.375	7.500

TABLE 76. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1939	1967	CHANGE
5	431	91	12	90.000	89.375	-0.625
5	431	91	25	71.875	83.125	11.250
5	431	101	2	18.750	16.875	-1.875
5	431	101	9	41.875	36.250	-5.625
5	431	101	28	15.000	38.750	23.750
5	431	101	32	31.250	66.875	35.625
5	431	111	14	0.0	0.0	0.0
5	431	111	17	3.125	1.875	-1.250
5	431	111	22	0.0	0.0	0.0
5	431	121	8	3.750	2.500	-1.250
5	431	121	16	0.0	0.0	0.0
5	431	121	31	0.0	0.0	0.0
5	431	121	33	0.0	0.0	0.0
5	441	91	4	6.875	8.125	1.250
5	441	91	24	119.375	71.250	-48.125
5	441	101	2	159.375	81.875	-77.500
5	441	101	21	88.750	42.500	-46.250
5	441	101	26	13.125	11.250	-1.875
5	441	101	34	5.625	5.625	0.0
5	441	111	3	1.250	0.0	-1.250
5	441	111	6	11.250	12.500	1.250
5	441	111	8	0.0	0.0	0.0
5	441	111	19	7.500	0.0	-7.500
5	441	111	28	0.0	0.0	0.0
5	441	111	36	23.750	29.375	5.625
5	441	121	16	0.0	0.0	0.0
5	441	121	31	2.500	3.125	0.625
5	451	91	21	136.250	126.250	-10.000
5	451	101	3	63.750	73.125	9.375
5	451	101	13	84.375	66.250	-18.125
5	451	111	5	3.750	4.375	0.625
5	451	111	9	55.000	22.500	-32.500
5	451	111	22	42.500	45.000	2.500
5	451	111	25	46.875	18.125	-28.750
5	451	111	28	41.250	18.125	-23.125
5	451	121	11	31.250	32.500	1.250
5	451	121	20	0.0	0.0	0.0
5	451	121	30	36.250	4.375	-31.875
5	451	121	35	23.125	24.375	1.250
5	461	91	11	174.375	131.875	-42.500
5	461	101	6	53.750	68.125	14.375
5	461	101	17	84.375	41.250	-43.125
5	461	101	31	18.125	24.375	6.250
5	461	101	33	68.125	65.625	-2.500
5	461	111	4	9.375	8.750	-0.625
5	461	111	7	3.125	5.000	1.875
5	461	111	10	111.875	168.750	56.875
5	461	111	36	73.750	41.875	-31.875
5	461	121	7	1.875	0.625	-1.250

TABLE 77. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1939	1967	CHANGE
5	431	91	12	11.250	66.250	55.000
5	431	91	25	11.250	162.500	151.250
5	431	101	2	11.250	15.625	4.375
5	431	101	9	14.375	31.875	17.500
5	431	101	28	6.875	15.625	8.750
5	431	101	32	20.625	99.375	78.750
5	431	111	14	0.0	29.375	29.375
5	431	111	17	11.875	13.125	1.250
5	431	111	22	8.125	20.000	11.875
5	431	121	8	23.750	50.625	26.875
5	431	121	16	17.500	31.875	14.375
5	431	121	31	25.625	15.625	-10.000
5	431	121	33	22.500	1.250	-21.250
5	441	91	4	18.125	18.750	0.625
5	441	91	24	11.250	31.250	20.000
5	441	101	2	9.375	14.375	5.000
5	441	101	21	11.250	16.250	5.000
5	441	101	26	5.000	11.250	6.250
5	441	101	34	23.125	35.000	11.875
5	441	111	3	15.000	21.250	6.250
5	441	111	6	10.000	9.375	-0.625
5	441	111	8	13.125	13.125	0.0
5	441	111	19	11.875	1.875	-10.000
5	441	111	28	23.125	23.750	0.625
5	441	111	36	4.375	10.625	6.250
5	441	121	16	9.375	18.750	9.375
5	441	121	31	32.500	70.000	37.500
5	451	91	21	11.250	31.875	20.625
5	451	101	3	5.000	9.375	4.375
5	451	101	13	14.375	20.625	6.250
5	451	111	5	12.500	15.625	3.125
5	451	111	9	10.625	21.250	10.625
5	451	111	22	16.250	45.000	28.750
5	451	111	25	8.750	20.000	11.250
5	451	111	28	10.625	22.500	11.875
5	451	121	11	0.0	0.0	0.0
5	451	121	20	4.375	0.0	-4.375
5	451	121	30	20.000	50.625	30.625
5	451	121	35	0.0	8.125	8.125
5	461	91	11	16.250	8.750	-7.500
5	461	101	6	10.625	16.875	6.250
5	461	101	17	15.625	33.125	17.500
5	461	101	31	13.125	36.875	23.750
5	461	101	33	18.750	10.625	-8.125
5	461	111	4	5.625	11.875	6.250
5	461	111	7	8.125	13.125	5.000
5	461	111	10	3.125	7.500	4.375
5	461	111	36	6.875	19.375	12.500
5	461	121	7	17.500	23.750	6.250

TABLE 78. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1939	1967	CHANGE
5	431	91	12	10.000	16.250	6.250
5	431	91	25	7.500	16.875	9.375
5	431	101	2	10.000	8.125	-1.875
5	431	101	9	13.125	12.500	-0.625
5	431	101	28	12.500	23.125	10.625
5	431	101	32	6.875	15.000	8.125
5	431	111	14	13.125	7.500	-5.625
5	431	111	17	3.125	3.125	0.0
5	431	111	22	10.000	13.750	3.750
5	431	121	8	7.500	10.000	2.500
5	431	121	16	13.125	20.625	7.500
5	431	121	31	15.625	44.375	28.750
5	431	121	33	14.375	30.625	16.250
5	441	91	4	6.875	11.875	5.000
5	441	91	24	10.625	23.125	12.500
5	441	101	2	2.500	6.250	3.750
5	441	101	21	7.500	16.875	9.375
5	441	101	26	10.625	13.125	2.500
5	441	101	34	18.750	8.750	-10.000
5	441	111	3	8.750	9.375	0.625
5	441	111	6	7.500	6.875	-0.625
5	441	111	8	1.875	9.375	7.500
5	441	111	19	33.125	36.875	3.750
5	441	111	28	10.000	16.250	6.250
5	441	111	36	5.000	25.000	20.000
5	441	121	16	8.750	11.875	3.125
5	441	121	31	13.125	14.375	1.250
5	451	91	21	8.750	13.125	4.375
5	451	101	3	9.375	9.375	0.0
5	451	101	13	8.750	6.875	-1.875
5	451	111	5	8.125	8.750	0.625
5	451	111	9	3.125	30.625	27.500
5	451	111	22	6.875	25.625	18.750
5	451	111	25	21.250	55.625	34.375
5	451	111	28	8.750	15.625	6.875
5	451	121	11	0.0	0.0	0.0
5	451	121	20	66.875	86.250	19.375
5	451	121	30	12.500	13.125	0.625
5	451	121	35	4.375	4.375	0.0
5	461	91	11	5.000	12.500	7.500
5	461	101	6	6.250	6.250	0.0
5	461	101	17	17.500	17.500	0.0
5	461	101	31	8.125	15.625	7.500
5	461	101	33	7.500	9.375	1.875
5	461	111	4	14.375	32.500	18.125
5	461	111	7	5.000	2.500	-2.500
5	461	111	10	1.875	4.375	2.500
5	461	111	36	5.625	5.000	-0.625
5	461	121	7	3.750	5.000	1.250

TABLE 79. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	RAILROAD 1939	1967	CHANGE
5	431	91	12	0.0	0.0	0.0
5	431	91	25	0.0	0.0	0.0
5	431	101	2	6.875	6.875	0.0
5	431	101	9	2.500	1.875	-0.625
5	431	101	28	0.0	0.0	0.0
5	431	101	32	0.0	0.0	0.0
5	431	111	14	11.250	0.0	-11.250
5	431	111	17	0.0	0.0	0.0
5	431	111	22	0.0	0.0	0.0
5	431	121	8	7.500	0.0	-7.500
5	431	121	16	9.375	9.375	0.0
5	431	121	31	0.0	0.0	0.0
5	431	121	33	3.750	3.125	-0.625
5	441	91	4	0.0	0.0	0.0
5	441	91	24	0.0	0.0	0.0
5	441	101	2	0.625	0.625	0.0
5	441	101	21	0.0	0.0	0.0
5	441	101	26	0.0	0.0	0.0
5	441	101	34	0.0	0.0	0.0
5	441	111	3	0.0	0.0	0.0
5	441	111	6	0.0	0.0	0.0
5	441	111	8	1.875	3.125	1.250
5	441	111	19	9.375	8.125	-1.250
5	441	111	28	1.250	0.625	-0.625
5	441	111	36	1.875	3.750	1.875
5	441	121	16	8.750	4.375	-4.375
5	441	121	31	0.0	0.0	0.0
5	451	91	21	0.0	0.0	0.0
5	451	101	3	0.0	0.0	0.0
5	451	101	13	0.0	0.0	0.0
5	451	111	5	0.0	0.0	0.0
5	451	111	9	0.0	0.0	0.0
5	451	111	22	0.0	0.0	0.0
5	451	111	25	3.125	5.625	2.500
5	451	111	28	0.0	0.0	0.0
5	451	121	11	0.0	0.0	0.0
5	451	121	20	2.500	0.0	-2.500
5	451	121	30	0.0	0.0	0.0
5	451	121	35	0.0	0.0	0.0
5	461	91	11	0.0	0.0	0.0
5	461	101	6	8.750	3.125	-5.625
5	461	101	17	1.875	3.750	1.875
5	461	101	31	0.0	0.0	0.0
5	461	101	33	2.500	3.125	0.625
5	461	111	4	0.0	0.0	0.0
5	461	111	7	0.0	0.0	0.0
5	461	111	10	3.125	3.125	0.0
5	461	111	36	1.875	2.500	0.625
5	461	121	7	0.0	0.0	0.0

TABLE 80. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1939	1967	CHANGE
5	431	91	12	0.0	10.000	10.000
5	431	91	25	1.250	0.0	-1.250
5	431	101	2	4.375	2.500	-1.875
5	431	101	9	0.625	20.000	19.375
5	431	101	28	7.500	8.750	1.250
5	431	101	32	0.0	5.625	5.625
5	431	111	14	12.500	8.750	-3.750
5	431	111	17	6.875	3.750	-3.125
5	431	111	22	0.0	0.0	0.0
5	431	121	8	0.0	0.0	0.0
5	431	121	16	0.0	0.625	0.625
5	431	121	31	0.0	0.0	0.0
5	431	121	33	0.0	0.0	0.0
5	441	91	4	1.875	0.625	-1.250
5	441	91	24	26.875	38.750	11.875
5	441	101	2	0.0	2.500	2.500
5	441	101	21	10.000	13.125	3.125
5	441	101	26	0.0	0.0	0.0
5	441	101	34	77.500	83.750	6.250
5	441	111	3	0.625	1.875	1.250
5	441	111	6	0.0	0.0	0.0
5	441	111	8	3.750	3.750	0.0
5	441	111	19	74.375	86.875	12.500
5	441	111	28	0.0	0.625	0.625
5	441	111	36	17.500	18.750	1.250
5	441	121	16	0.0	0.0	0.0
5	441	121	31	2.500	1.250	-1.250
5	451	91	21	90.625	92.500	1.875
5	451	101	3	29.375	41.250	11.875
5	451	101	13	74.375	72.500	-1.875
5	451	111	5	4.375	26.250	21.875
5	451	111	9	0.0	0.625	0.625
5	451	111	22	4.375	6.250	1.875
5	451	111	25	0.0	0.0	0.0
5	451	111	28	0.625	0.625	0.0
5	451	121	11	0.0	0.0	0.0
5	451	121	20	0.0	0.0	0.0
5	451	121	30	0.0	0.0	0.0
5	451	121	35	0.0	0.0	0.0
5	461	91	11	115.000	118.750	3.750
5	461	101	6	29.375	35.625	6.250
5	461	101	17	0.0	66.250	66.250
5	461	101	31	8.750	6.875	-1.875
5	461	101	33	283.750	265.000	-18.750
5	461	111	4	0.0	1.250	1.250
5	461	111	7	0.0	1.250	1.250
5	461	111	10	3.750	33.750	30.000
5	461	111	36	0.0	0.0	0.0
5	461	121	7	0.0	0.0	0.0

TABLE 81. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
5	431	91	12	6.250	5.000	-1.250
5	431	91	25	9.375	13.750	4.375
5	431	101	2	15.625	15.000	-0.625
5	431	101	9	15.625	26.250	10.625
5	431	101	28	9.375	16.250	6.875
5	431	101	32	5.625	8.750	3.125
5	431	111	14	1.875	5.000	3.125
5	431	111	17	9.375	6.250	-3.125
5	431	111	22	6.875	8.125	1.250
5	431	121	8	22.500	40.000	17.500
5	431	121	16	28.750	32.500	3.750
5	431	121	31	6.875	46.250	39.375
5	431	121	33	16.250	14.375	-1.875
5	441	91	4	11.250	11.250	0.0
5	441	91	24	7.500	8.750	1.250
5	441	101	2	11.875	11.875	0.0
5	441	101	21	10.625	16.875	6.250
5	441	101	26	13.750	12.500	-1.250
5	441	101	34	6.250	11.250	5.000
5	441	111	3	6.875	8.750	1.875
5	441	111	6	4.375	5.000	0.625
5	441	111	8	10.000	10.625	0.625
5	441	111	19	15.000	23.750	8.750
5	441	111	28	4.375	4.375	0.0
5	441	111	36	8.125	31.875	23.750
5	441	121	16	8.750	14.375	5.625
5	441	121	31	5.625	0.625	-5.000
5	451	91	21	8.750	5.625	-3.125
5	451	101	3	0.0	5.000	5.000
5	451	101	13	2.500	6.875	4.375
5	451	111	5	3.125	6.250	3.125
5	451	111	9	8.750	28.125	19.375
5	451	111	22	6.875	37.500	30.625
5	451	111	25	35.000	76.250	41.250
5	451	111	28	12.500	13.125	0.625
5	451	121	11	0.0	6.250	6.250
5	451	121	20	18.750	0.0	-18.750
5	451	121	30	11.250	15.625	4.375
5	451	121	35	0.0	0.625	0.625
5	461	91	11	4.375	3.750	-0.625
5	461	101	6	22.500	13.750	-8.750
5	461	101	17	26.250	21.875	-4.375
5	461	101	31	3.750	3.125	-0.625
5	461	101	33	11.875	12.500	0.625
5	461	111	4	17.500	51.250	33.750
5	461	111	7	12.500	13.125	0.625
5	461	111	10	13.125	13.125	0.0
5	461	111	36	20.000	25.000	5.000
5	461	121	7	11.875	11.875	0.0

TABLE 82. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	URBAN 1939	1967	CHANGE
5	431	91	12	0.0	10.625	10.625
5	431	91	25	0.0	0.0	0.0
5	431	101	2	0.0	0.0	0.0
5	431	101	9	1.875	2.500	0.625
5	431	101	28	0.0	0.0	0.0
5	431	101	32	0.0	0.0	0.0
5	431	111	14	0.0	56.875	56.875
5	431	111	17	0.0	0.0	0.0
5	431	111	22	3.750	4.375	0.625
5	431	121	8	0.0	0.0	0.0
5	431	121	16	0.0	61.875	61.875
5	431	121	31	0.0	106.875	106.875
5	431	121	33	22.500	145.625	123.125
5	441	91	4	0.0	9.375	9.375
5	441	91	24	11.875	68.750	56.875
5	441	101	2	0.0	0.0	0.0
5	441	101	21	0.0	0.0	0.0
5	441	101	26	0.0	0.0	0.0
5	441	101	34	0.0	14.375	14.375
5	441	111	3	0.0	55.000	55.000
5	441	111	6	0.0	21.875	21.875
5	441	111	8	0.0	118.750	118.750
5	441	111	19	7.500	134.375	126.875
5	441	111	28	0.0	0.0	0.0
5	441	111	36	0.0	0.0	0.0
5	441	121	16	0.0	18.750	18.750
5	441	121	31	0.0	0.0	0.0
5	451	91	21	0.0	67.500	67.500
5	451	101	3	0.0	31.875	31.875
5	451	101	13	15.625	28.125	12.500
5	451	111	5	0.0	0.0	0.0
5	451	111	9	0.0	0.0	0.0
5	451	111	22	0.0	1.875	1.875
5	451	111	25	0.0	45.625	45.625
5	451	111	28	0.0	0.0	0.0
5	451	121	11	0.0	0.0	0.0
5	451	121	20	330.000	543.750	213.750
5	451	121	30	0.0	0.0	0.0
5	451	121	35	0.0	0.0	0.0
5	461	91	11	83.750	158.750	75.000
5	461	101	6	0.0	0.0	0.0
5	461	101	17	10.625	111.250	100.625
5	461	101	31	0.0	13.125	13.125
5	461	101	33	24.375	45.000	20.625
5	461	111	4	0.0	0.0	0.0
5	461	111	7	0.0	0.0	0.0
5	461	111	10	0.0	0.0	0.0
5	461	111	36	0.0	5.000	5.000
5	461	121	7	0.0	0.0	0.0

TABLE 83. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1967	CHANGE
5	431	91	12	0.0	0.0	0.0
5	431	91	25	0.0	0.0	0.0
5	431	101	2	0.0	0.0	0.0
5	431	101	9	0.625	0.625	0.0
5	431	101	28	0.0	1.875	1.875
5	431	101	32	0.0	76.250	76.250
5	431	111	14	0.0	19.375	19.375
5	431	111	17	0.0	0.0	0.0
5	431	111	22	0.0	223.750	223.750
5	431	121	8	0.0	0.0	0.0
5	431	121	16	13.750	115.625	101.875
5	431	121	31	51.875	81.875	30.000
5	431	121	33	186.875	321.250	134.375
5	441	91	4	0.0	0.0	0.0
5	441	91	24	0.0	44.375	44.375
5	441	101	2	0.0	0.0	0.0
5	441	101	21	0.0	9.375	9.375
5	441	101	26	103.125	88.750	-14.375
5	441	101	34	0.0	0.0	0.0
5	441	111	3	0.0	0.0	0.0
5	441	111	6	18.125	0.0	-18.125
5	441	111	8	6.250	0.0	-6.250
5	441	111	19	43.125	66.875	23.750
5	441	111	28	0.0	3.750	3.750
5	441	111	36	45.625	71.875	26.250
5	441	121	16	188.125	190.000	1.875
5	441	121	31	0.0	0.625	0.625
5	451	91	21	92.500	0.0	-92.500
5	451	101	3	21.875	11.250	-10.625
5	451	101	13	0.0	0.0	0.0
5	451	111	5	0.0	0.0	0.0
5	451	111	9	0.0	0.0	0.0
5	451	111	22	0.0	0.625	0.625
5	451	111	25	16.875	48.125	31.250
5	451	111	28	0.0	12.500	12.500
5	451	121	11	503.125	488.750	-14.375
5	451	121	20	0.0	1.250	1.250
5	451	121	30	0.0	3.125	3.125
5	451	121	35	493.750	486.250	-7.500
5	461	91	11	0.0	0.0	0.0
5	461	101	6	0.0	0.625	0.625
5	461	101	17	5.000	7.500	2.500
5	461	101	31	0.0	3.750	3.750
5	461	101	33	29.375	13.750	-15.625
5	461	111	4	1.875	19.375	17.500
5	461	111	7	0.0	0.0	0.0
5	461	111	10	1.875	10.625	8.750
5	461	111	36	96.250	95.000	-1.250
5	461	121	7	0.0	0.0	0.0

TABLE 84. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1939	1967	CHANGE
5	431	91	12	0.0	0.0	0.0
5	431	91	25	0.0	0.0	0.0
5	431	101	2	0.0	0.0	0.0
5	431	101	9	0.0	0.0	0.0
5	431	101	28	0.0	0.0	0.0
5	431	101	32	0.0	0.0	0.0
5	431	111	14	0.0	0.0	0.0
5	431	111	17	0.0	0.0	0.0
5	431	111	22	0.0	0.0	0.0
5	431	121	8	0.0	0.0	0.0
5	431	121	16	0.0	0.0	0.0
5	431	121	31	0.0	0.0	0.0
5	431	121	33	0.0	0.0	0.0
5	441	91	4	0.0	0.0	0.0
5	441	91	24	0.0	0.0	0.0
5	441	101	2	0.0	0.0	0.0
5	441	101	21	0.0	0.0	0.0
5	441	101	26	0.0	0.0	0.0
5	441	101	34	0.0	0.0	0.0
5	441	111	3	0.0	0.0	0.0
5	441	111	6	0.0	0.0	0.0
5	441	111	8	0.0	0.0	0.0
5	441	111	19	0.0	0.0	0.0
5	441	111	28	0.0	0.0	0.0
5	441	111	36	0.0	0.0	0.0
5	441	121	16	0.0	0.0	0.0
5	441	121	31	0.0	0.0	0.0
5	451	91	21	0.0	0.0	0.0
5	451	101	3	0.0	0.0	0.0
5	451	101	13	0.0	0.0	0.0
5	451	111	5	0.0	0.0	0.0
5	451	111	9	0.0	0.0	0.0
5	451	111	22	0.0	0.0	0.0
5	451	111	25	0.0	0.0	0.0
5	451	111	28	0.0	0.0	0.0
5	451	121	11	0.0	0.0	0.0
5	451	121	20	0.0	0.0	0.0
5	451	121	30	0.0	0.0	0.0
5	451	121	35	0.0	0.0	0.0
5	461	91	11	0.0	0.0	0.0
5	461	101	6	0.0	0.0	0.0
5	461	101	17	0.0	0.0	0.0
5	461	101	31	0.0	0.0	0.0
5	461	101	33	0.0	0.0	0.0
5	461	111	4	0.0	0.0	0.0
5	461	111	7	0.0	0.0	0.0
5	461	111	10	0.0	0.0	0.0
5	461	111	36	0.0	0.0	0.0
5	461	121	7	0.0	0.0	0.0

TABLE 85. SAMPLE SECTIONS AND LAND USE DATA

LAKE COUNTY

COUNTY	TWP	RNG	SECTION	NON-HABITAT 1939	1967	CHANGE
5	431	91	12	21.250	93.125	71.875
5	431	91	25	18.750	179.375	160.625
5	431	101	2	28.125	30.625	2.500
5	431	101	9	32.500	49.375	16.875
5	431	101	28	19.375	40.625	21.250
5	431	101	32	27.500	190.625	163.125
5	431	111	14	24.375	113.125	88.750
5	431	111	17	15.000	16.250	1.250
5	431	111	22	21.875	261.875	240.000
5	431	121	8	38.750	60.625	21.875
5	431	121	16	53.750	239.375	185.625
5	431	121	31	93.125	248.750	155.625
5	431	121	33	250.000	501.875	251.875
5	441	91	4	25.000	40.000	15.000
5	441	91	24	33.750	167.500	133.750
5	441	101	2	12.500	21.250	8.750
5	441	101	21	18.750	42.500	23.750
5	441	101	26	118.750	113.125	-5.625
5	441	101	34	41.875	58.125	16.250
5	441	111	3	23.750	85.625	61.875
5	441	111	6	35.625	38.125	2.500
5	441	111	8	23.125	144.375	121.250
5	441	111	19	105.000	248.125	143.125
5	441	111	28	34.375	44.375	10.000
5	441	111	36	56.875	111.250	54.375
5	441	121	16	215.000	243.750	28.750
5	441	121	31	45.625	85.000	39.375
5	451	91	21	112.500	112.500	0.0
5	451	101	3	36.250	61.875	25.625
5	451	101	13	38.750	55.625	16.875
5	451	111	5	20.625	24.375	3.750
5	451	111	9	13.750	51.875	38.125
5	451	111	22	23.125	73.125	50.000
5	451	111	25	50.000	175.000	125.000
5	451	111	28	19.375	50.625	31.250
5	451	121	11	503.125	488.750	-14.375
5	451	121	20	403.750	631.250	227.500
5	451	121	30	32.500	66.875	34.375
5	451	121	35	498.125	498.750	0.625
5	461	91	11	105.000	180.000	75.000
5	461	101	6	25.625	26.875	1.250
5	461	101	17	50.625	173.125	122.500
5	461	101	31	21.250	69.375	48.125
5	461	101	33	82.500	81.875	-0.625
5	461	111	4	21.875	63.750	41.875
5	461	111	7	13.125	15.625	2.500
5	461	111	10	10.000	25.625	15.625
5	461	111	36	110.625	126.875	16.250
5	461	121	7	21.250	28.750	7.500

TABLE 86. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	INTSP INDEX 1939	1970	CHANGE
6	191	81	9	5.000	4.000	-1.000
6	191	91	10	12.000	10.000	-2.000
6	191	91	20	9.000	10.000	1.000
6	191	91	31	2.000	1.000	-1.000
6	191	91	34	4.000	6.000	2.000
6	191	101	4	8.000	17.000	9.000
6	191	101	23	5.000	6.000	1.000
6	191	111	8	8.000	8.000	0.0
6	191	111	24	9.000	11.000	2.000
6	191	111	34	9.000	8.000	-1.000
6	201	81	3	8.000	4.000	-4.000
6	201	81	9	8.000	8.000	0.0
6	201	81	15	12.000	12.000	0.0
6	201	81	20	6.000	4.000	-2.000
6	201	81	34	9.000	5.000	-4.000
6	201	91	2	8.000	8.000	0.0
6	201	91	6	2.000	2.000	0.0
6	201	91	8	12.000	7.000	-5.000
6	201	91	10	6.000	6.000	0.0
6	201	91	18	8.000	4.000	-4.000
6	201	91	23	8.000	8.000	0.0
6	201	91	25	8.000	11.000	3.000
6	201	101	3	11.000	14.000	3.000
6	201	101	8	9.000	17.000	8.000
6	201	101	36	11.000	15.000	4.000
6	201	111	34	4.000	7.000	3.000
6	201	111	36	3.000	12.000	9.000
6	211	81	3	10.000	10.000	0.0
6	211	81	12	17.000	20.000	3.000
6	211	81	31	11.000	13.000	2.000
6	211	91	2	8.000	7.000	-1.000
6	211	91	10	12.000	12.000	0.0
6	211	91	34	0.0	1.000	1.000
6	211	101	6	10.000	9.000	-1.000
6	211	101	11	11.000	12.000	1.000
6	211	101	19	13.000	18.000	5.000
6	211	101	29	8.000	2.000	-6.000
6	211	111	16	3.000	0.0	-3.000
6	211	111	24	7.000	7.000	0.0
6	211	111	29	8.000	4.000	-4.000
6	211	111	31	7.000	4.000	-3.000
6	221	81	18	6.000	1.000	-5.000
6	221	81	23	7.000	7.000	0.0
6	221	81	27	12.000	11.000	-1.000
6	221	91	17	17.000	17.000	0.0
6	221	91	27	18.000	13.000	-5.000
6	221	91	30	21.000	21.000	0.0
6	221	101	24	3.000	4.000	1.000
6	221	101	35	7.000	9.000	2.000
6	371	11	11	8.000	8.000	0.0

TABLE 86. CONTINUED

LEE COUNTY

COUNTY	TWP	RNG	SECTION	INTSP INDEX 1939	1970	CHANGE
6	371	11	13	5.000	4.000	-1.000
6	371	11	19	10.000	9.000	-1.000
6	371	21	6	11.000	9.000	-2.000
6	371	21	17	0.0	0.0	0.0
6	371	21	22	6.000	5.000	-1.000
6	371	21	26	4.000	2.000	-2.000
6	371	21	31	17.000	17.000	0.0
6	381	11	1	7.000	4.000	-3.000
6	381	11	3	4.000	4.000	0.0
6	381	11	26	11.000	7.000	-4.000
6	381	11	28	6.000	8.000	2.000
6	381	21	4	15.000	9.000	-6.000
6	381	21	7	18.000	12.000	-6.000
6	381	21	14	16.000	14.000	-2.000
6	381	21	17	11.000	13.000	2.000
6	381	21	24	3.000	1.000	-2.000
6	381	21	29	15.000	16.000	1.000
6	391	11	2	6.000	7.000	1.000
6	391	11	17	0.0	0.0	0.0
6	391	11	27	8.000	8.000	0.0
6	391	11	31	4.000	4.000	0.0
6	391	21	11	2.000	0.0	-2.000
6	391	21	15	7.000	6.000	-1.000
6	391	21	17	6.000	6.000	0.0

TABLE 87. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1939	1970	CHANGE
6	191	81	9	605.000	624.375	19.375
6	191	91	10	540.625	578.750	38.125
6	191	91	20	496.875	585.000	88.125
6	191	91	31	581.250	603.125	21.875
6	191	91	34	323.125	333.750	10.625
6	191	101	4	308.750	371.875	63.125
6	191	101	23	539.375	569.375	30.000
6	191	111	8	599.375	610.000	10.625
6	191	111	24	405.625	448.125	42.500
6	191	111	34	538.750	591.250	52.500
6	201	81	3	602.500	600.625	-1.875
6	201	81	9	598.125	595.625	-2.500
6	201	81	15	527.500	551.250	23.750
6	201	81	20	596.250	616.250	20.000
6	201	81	34	451.875	576.250	124.375
6	201	91	2	593.125	581.250	-11.875
6	201	91	6	587.500	611.875	24.375
6	201	91	8	545.625	591.250	45.625
6	201	91	10	572.500	603.750	31.250
6	201	91	18	497.500	613.750	116.250
6	201	91	23	555.000	585.625	30.625
6	201	91	25	518.750	571.875	53.125
6	201	101	3	563.750	591.250	27.500
6	201	101	8	436.875	448.125	11.250
6	201	101	36	223.750	223.125	-0.625
6	201	111	34	538.125	588.125	50.000
6	201	111	36	513.750	601.250	87.500
6	211	81	3	566.875	569.375	2.500
6	211	81	12	319.375	422.500	103.125
6	211	81	31	580.625	572.500	-8.125
6	211	91	2	568.750	594.375	25.625
6	211	91	10	566.875	584.375	17.500
6	211	91	34	601.250	612.500	11.250
6	211	101	6	493.750	527.500	33.750
6	211	101	11	537.500	535.000	-2.500
6	211	101	19	506.250	533.125	26.875
6	211	101	29	531.875	576.875	45.000
6	211	111	16	601.250	616.875	15.625
6	211	111	24	594.375	617.500	23.125
6	211	111	29	566.250	600.625	34.375
6	211	111	31	566.250	593.125	26.875
6	221	81	18	592.500	614.375	21.875
6	221	81	23	540.000	590.625	50.625
6	221	81	27	462.500	523.750	61.250
6	221	91	17	209.375	185.000	-24.375
6	221	91	27	276.250	194.375	-81.875
6	221	91	30	433.125	390.000	-43.125
6	221	101	24	622.500	620.000	-2.500
6	221	101	35	495.000	515.000	20.000
6	371	11	11	533.125	529.375	-3.750

TABLE 87. CONTINUED

LEE COUNTY FIELD CROP

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	556.250	593.750	37.500
6	371	11	19	576.250	589.375	13.125
6	371	21	6	556.875	593.750	36.875
6	371	21	17	616.250	623.125	6.875
6	371	21	22	488.125	608.750	120.625
6	371	21	26	552.500	570.625	18.125
6	371	21	31	526.875	549.375	22.500
6	381	11	1	605.000	615.000	10.000
6	381	11	3	613.750	616.250	2.500
6	381	11	26	537.500	545.000	7.500
6	381	11	28	581.875	607.500	25.625
6	381	21	4	589.375	605.000	15.625
6	381	21	7	545.625	552.500	6.875
6	381	21	14	553.750	580.000	26.250
6	381	21	17	452.500	534.375	81.875
6	381	21	24	573.125	615.625	42.500
6	381	21	29	530.625	578.750	48.125
6	391	11	2	586.250	597.500	11.250
6	391	11	17	604.375	611.875	7.500
6	391	11	27	604.375	608.750	4.375
6	391	11	31	608.750	621.250	12.500
6	391	21	11	610.000	616.250	6.250
6	391	21	15	592.500	603.750	11.250
6	391	21	17	598.125	601.250	3.125

TABLE 88. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	PASTURE 1939	PASTURE 1970	PASTURE CHANGE
6	191	81	9	16.875	0.0	-16.875
6	191	91	10	65.625	14.375	-51.250
6	191	91	20	108.750	26.875	-81.875
6	191	91	31	30.625	1.875	-28.750
6	191	91	34	278.750	268.125	-10.625
6	191	101	4	307.500	221.875	-85.625
6	191	101	23	71.250	23.125	-48.125
6	191	111	8	15.000	5.000	-10.000
6	191	111	24	156.250	97.500	-58.750
6	191	111	34	91.875	32.500	-59.375
6	201	81	3	1.875	0.0	-1.875
6	201	81	9	0.0	0.0	0.0
6	201	81	15	27.500	9.375	-18.125
6	201	81	20	19.375	0.0	-19.375
6	201	81	34	165.000	39.375	-125.625
6	201	91	2	0.0	0.0	0.0
6	201	91	6	22.500	0.0	-22.500
6	201	91	8	67.500	28.750	-38.750
6	201	91	10	40.625	10.625	-30.000
6	201	91	18	120.000	0.0	-120.000
6	201	91	23	62.500	28.750	-33.750
6	201	91	25	99.375	9.375	-90.000
6	201	101	3	41.250	4.375	-36.875
6	201	101	8	164.375	0.0	-164.375
6	201	101	36	369.375	362.500	-6.875
6	201	111	34	80.625	33.750	-46.875
6	201	111	36	100.000	19.375	-80.625
6	211	81	3	45.000	28.750	-16.250
6	211	81	12	123.125	48.750	-74.375
6	211	81	31	18.125	19.375	1.250
6	211	91	2	23.750	0.0	-23.750
6	211	91	10	36.875	15.625	-21.250
6	211	91	34	5.000	1.250	-3.750
6	211	101	6	64.375	26.875	-37.500
6	211	101	11	85.625	80.625	-5.000
6	211	101	19	93.125	68.125	-25.000
6	211	101	29	75.625	40.625	-35.000
6	211	111	16	13.750	0.0	-13.750
6	211	111	24	19.375	0.0	-19.375
6	211	111	29	35.000	1.875	-33.125
6	211	111	31	35.625	12.500	-23.125
6	221	81	18	26.875	0.0	-26.875
6	221	81	23	66.250	19.375	-46.875
6	221	81	27	122.500	48.750	-73.750
6	221	91	17	88.750	51.250	-37.500
6	221	91	27	88.750	26.875	-61.875
6	221	91	30	132.500	98.750	-33.750
6	221	101	24	3.750	2.500	-1.250
6	221	101	35	115.000	88.125	-26.875
6	371	11	11	24.375	8.125	-16.250

TABLE 88. CONTINUED

LEE COUNTY PASTURE

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	53.125	14.375	-38.750
6	371	11	19	39.375	28.125	-11.250
6	371	21	6	60.625	20.625	-40.000
6	371	21	17	10.625	3.125	-7.500
6	371	21	22	135.000	8.750	-126.250
6	371	21	26	62.500	45.000	-17.500
6	371	21	31	79.375	35.000	-44.375
6	381	11	1	8.125	1.250	-6.875
6	381	11	3	3.750	0.0	-3.750
6	381	11	26	75.625	62.500	-13.125
6	381	11	28	35.625	7.500	-28.125
6	381	21	4	10.000	0.0	-10.000
6	381	21	7	58.750	60.625	1.875
6	381	21	14	53.125	36.250	-16.875
6	381	21	17	138.750	44.375	-94.375
6	381	21	24	38.125	0.0	-38.125
6	381	21	29	72.500	26.250	-46.250
6	391	11	2	15.625	6.250	-9.375
6	391	11	17	11.875	8.750	-3.125
6	391	11	27	8.125	0.0	-8.125
6	391	11	31	15.000	0.0	-15.000
6	391	21	11	3.750	2.500	-1.250
6	391	21	15	13.125	2.500	-10.625
6	391	21	17	6.875	2.500	-4.375

TABLE 89. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	FOREST 1969	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	0.625	0.625
6	191	91	20	0.0	0.0	0.0
6	191	91	31	0.0	0.0	0.0
6	191	91	34	0.0	0.0	0.0
6	191	101	4	0.0	13.750	13.750
6	191	101	23	0.0	3.125	3.125
6	191	111	8	0.0	0.0	0.0
6	191	111	24	60.625	70.000	9.375
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.0	0.0	0.0
6	201	81	15	0.0	0.0	0.0
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.625	0.0	-0.625
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	18	0.0	0.0	0.0
6	201	91	23	0.0	3.125	3.125
6	201	91	25	0.0	9.375	9.375
6	201	101	3	0.0	0.0	0.0
6	201	101	8	0.0	10.000	10.000
6	201	101	36	0.0	12.500	12.500
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	13.125	15.625	2.500
6	211	81	31	0.0	0.0	0.0
6	211	91	2	0.0	0.0	0.0
6	211	91	10	1.875	0.0	-1.875
6	211	91	34	0.0	0.0	0.0
6	211	101	6	0.0	0.0	0.0
6	211	101	11	0.0	1.875	1.875
6	211	101	19	0.0	0.0	0.0
6	211	101	29	1.250	0.0	-1.250
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.625	0.0	-0.625
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	0.0	0.0	0.0
6	221	91	17	219.375	267.500	48.125
6	221	91	27	56.875	46.875	-10.000
6	221	91	30	30.625	42.500	11.875
6	221	101	24	0.0	0.0	0.0
6	221	101	35	5.625	8.750	3.125
6	371	11	11	0.0	3.750	3.750

TABLE 89. CONTINUED

LEE COUNTY FOREST

COUNTY	TWP	RNG	SECTION	1959	1970	CHANGE
6	371	11	13	0.0	0.0	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	6	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	2.500	2.500	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	0.0	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	1.875	0.0	-1.875
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 90. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	ORCHARD 1939	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	1.250	0.0	-1.250
6	191	91	20	0.0	0.0	0.0
6	191	91	31	1.875	0.0	-1.875
6	191	91	34	0.0	0.0	0.0
6	191	101	4	0.0	1.875	1.875
6	191	101	23	0.0	0.0	0.0
6	191	111	8	0.0	0.0	0.0
6	191	111	24	0.0	0.0	0.0
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.0	0.0	0.0
6	201	81	15	1.250	0.0	-1.250
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	0.0	0.0
6	201	91	6	0.0	0.0	0.0
6	201	91	8	1.250	0.0	-1.250
6	201	91	10	0.0	0.0	0.0
6	201	91	18	0.0	0.0	0.0
6	201	91	23	0.625	0.0	-0.625
6	201	91	25	0.0	0.0	0.0
6	201	101	3	0.0	0.0	0.0
6	201	101	8	0.0	0.0	0.0
6	201	101	36	0.0	0.0	0.0
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.625	0.0	-0.625
6	211	81	12	0.0	0.0	0.0
6	211	81	31	0.0	0.0	0.0
6	211	91	2	1.250	0.0	-1.250
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	0.0	2.500	2.500
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.0	0.0
6	211	101	29	1.875	0.0	-1.875
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	3.125	0.0	-3.125
6	221	81	18	0.0	0.0	0.0
6	221	81	23	4.375	0.0	-4.375
6	221	81	27	3.750	9.375	5.625
6	221	91	17	0.0	0.0	0.0
6	221	91	27	0.625	0.0	-0.625
6	221	91	30	0.0	0.0	0.0
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	0.0	0.0	0.0

TABLE 90. CONTINUED

LEE COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1969	1970	CHANGE
6	371	11	13	0.0	0.0	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	6	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	5	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	0.0	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	0.0	0.0	0.0
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 91. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	OLD FIELD 1939	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	1.250	1.250
6	191	91	20	0.0	0.0	0.0
6	191	91	31	0.0	0.0	0.0
6	191	91	34	0.0	5.625	5.625
6	191	101	4	2.500	4.375	1.875
6	191	101	23	0.0	9.375	9.375
6	191	111	8	0.0	0.0	0.0
6	191	111	24	0.0	3.125	3.125
6	191	111	34	0.0	0.0	0.0
6	201	81	3	1.250	6.875	5.625
6	201	81	9	0.625	0.0	-0.625
6	201	81	15	0.0	0.0	0.0
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	1.250	1.250
6	201	91	2	21.875	11.250	-10.625
6	201	91	6	0.625	3.750	3.125
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	1.250	1.250
6	201	91	18	3.125	3.125	0.0
6	201	91	23	2.500	0.0	-2.500
6	201	91	25	0.0	15.625	15.625
6	201	101	3	0.625	0.0	-0.625
6	201	101	8	0.0	71.875	71.875
6	201	101	36	0.0	1.875	1.875
6	201	111	34	1.250	0.625	-0.625
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	0.0	10.000	10.000
6	211	81	31	0.0	1.250	1.250
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	1.250	2.500	1.250
6	211	101	11	0.0	1.250	1.250
6	211	101	19	10.000	8.750	-1.250
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	4.375	4.375
6	221	81	23	0.0	0.0	0.0
6	221	81	27	3.125	7.500	4.375
6	221	91	17	8.750	20.625	11.875
6	221	91	27	56.250	78.125	21.875
6	221	91	30	6.875	38.125	31.250
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	0.0	0.0	0.0

TABLE 91. CONTINUED

LEE COUNTY OLD FIELD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	15	0.0	0.0	0.0
6	371	11	19	2.500	0.0	-2.500
6	371	21	6	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.625	1.250	0.625
6	371	21	26	0.0	0.625	0.625
6	371	21	31	0.0	20.625	20.625
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	6.875	0.0	-6.875
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	7.500	7.500
6	381	21	24	1.250	0.0	-1.250
6	381	21	29	0.0	1.250	1.250
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.625	0.625	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 92. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	HEDGEROW 1939	1970	CHANGE
6	191	81	9	3.125	6.875	3.750
6	191	91	10	4.375	10.000	5.625
6	191	91	20	8.750	11.250	2.500
6	191	91	31	2.500	0.0	-2.500
6	191	91	34	6.250	2.500	-3.750
6	191	101	4	6.250	13.125	6.875
6	191	101	23	1.250	1.875	0.625
6	191	111	8	3.125	0.625	-2.500
6	191	111	24	0.625	3.750	3.125
6	191	111	34	0.625	0.0	-0.625
6	201	81	3	16.875	2.500	-14.375
6	201	81	9	16.875	2.500	-14.375
6	201	81	15	6.875	1.875	-5.000
6	201	81	20	0.625	0.0	-0.625
6	201	81	34	5.625	4.375	-1.250
6	201	91	2	10.000	5.000	-5.000
6	201	91	6	3.750	0.625	-3.125
6	201	91	8	5.000	1.875	-3.125
6	201	91	10	5.625	3.750	-1.875
6	201	91	18	0.0	0.0	0.0
6	201	91	23	1.250	1.250	0.0
6	201	91	25	1.875	1.875	0.0
6	201	101	3	3.125	0.0	-3.125
6	201	101	8	5.000	8.750	3.750
6	201	101	36	1.875	8.750	6.875
6	201	111	34	3.125	1.250	-1.875
6	201	111	36	5.625	0.0	-5.625
6	211	81	3	1.875	6.875	5.000
6	211	81	12	22.500	11.875	-10.625
6	211	81	31	5.000	12.500	7.500
6	211	91	2	3.125	3.125	0.0
6	211	91	10	8.750	6.250	-2.500
6	211	91	34	3.750	0.625	-3.125
6	211	101	6	4.375	2.500	-1.875
6	211	101	11	2.500	2.500	0.0
6	211	101	19	11.250	3.125	-8.125
6	211	101	29	10.625	1.250	-9.375
6	211	111	16	7.500	0.625	-6.875
6	211	111	24	5.625	0.0	-5.625
6	211	111	29	6.250	1.875	-4.375
6	211	111	31	5.625	4.375	-1.250
6	221	81	18	3.750	0.0	-3.750
6	221	81	23	6.875	6.875	0.0
6	221	81	27	10.625	2.500	-8.125
6	221	91	17	13.125	5.625	-7.500
6	221	91	27	9.375	10.625	1.250
6	221	91	30	11.875	6.875	-5.000
6	221	101	24	11.250	10.625	-0.625
6	221	101	35	5.000	1.875	-3.125
6	371	11	11	5.000	0.625	-4.375

TABLE 92. CONTINUED

LEE COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	1.250	0.0	-1.250
6	371	11	19	4.375	1.875	-2.500
6	371	21	6	5.625	1.875	-3.750
6	371	21	17	1.875	0.0	-1.875
6	371	21	22	1.250	1.875	0.625
6	371	21	26	4.375	1.875	-2.500
6	371	21	31	4.375	11.875	7.500
6	381	11	1	2.500	0.0	-2.500
6	381	11	3	1.875	0.0	-1.875
6	381	11	26	8.125	5.625	-2.500
6	381	11	28	1.250	0.625	-0.625
6	381	21	4	15.625	10.625	-5.000
6	381	21	7	8.750	2.500	-6.250
6	381	21	14	11.250	5.000	-6.250
6	381	21	17	8.125	13.750	5.625
6	381	21	24	5.000	1.250	-3.750
6	381	21	29	0.0	2.500	2.500
6	391	11	2	7.500	1.250	-6.250
6	391	11	17	3.750	1.250	-2.500
6	391	11	27	3.125	0.625	-2.500
6	391	11	31	2.500	0.625	-1.875
6	391	21	11	4.375	3.750	-0.625
6	391	21	15	10.625	8.125	-2.500
6	391	21	17	2.500	3.125	0.625

TABLE 93. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1939	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	3.750	3.750
6	191	91	20	15.625	2.500	-13.125
6	191	91	31	0.0	0.0	0.0
6	191	91	34	1.250	0.625	-0.625
6	191	101	4	0.0	0.0	0.0
6	191	101	23	8.750	6.250	-2.500
6	191	111	6	0.0	0.0	0.0
6	191	111	24	0.0	0.0	0.0
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.625	0.625
6	201	81	9	0.0	0.0	0.0
6	201	81	15	0.0	0.0	0.0
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	0.0	0.0
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	18	0.0	0.0	0.0
6	201	91	23	1.250	1.250	0.0
6	201	91	25	0.0	0.0	0.0
6	201	101	3	0.0	0.0	0.0
6	201	101	8	1.875	0.0	-1.875
6	201	101	36	16.250	11.250	-5.000
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	0.0	0.0	0.0
6	211	81	31	0.0	0.0	0.0
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	0.0	0.0	0.0
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.0	0.0
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	0.0	0.0	0.0
6	221	91	17	0.0	0.0	0.0
6	221	91	27	0.0	0.0	0.0
6	221	91	30	0.0	0.0	0.0
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	0.0	0.0	0.0

TABLE 93. CONTINUED

LEE COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1939	1970	CHANGE
6	371	11	13	0.0	0.0	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	6	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	0.0	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	0.0	0.0	0.0
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 94. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1939	1970	CHANGE
6	191	81	9	1.875	0.625	-1.250
6	191	91	10	11.875	13.125	1.250
6	191	91	20	1.875	1.250	-0.625
6	191	91	31	11.875	19.375	7.500
6	191	91	34	9.375	4.375	-5.000
6	191	101	4	8.125	4.375	-3.750
6	191	101	23	6.875	8.125	1.250
6	191	111	8	5.625	6.250	0.625
6	191	111	24	9.375	9.375	0.0
6	191	111	34	3.125	4.375	1.250
6	201	81	3	6.875	6.250	-0.625
6	201	81	9	2.500	5.000	2.500
6	201	81	15	15.000	13.750	-1.250
6	201	81	20	12.500	9.375	-3.125
6	201	81	34	8.750	7.500	-1.250
6	201	91	2	6.250	1.250	-5.000
6	201	91	6	14.375	3.125	-11.250
6	201	91	8	10.625	8.750	-1.875
6	201	91	10	9.375	6.250	-3.125
6	201	91	18	0.625	1.250	0.625
6	201	91	23	5.625	7.500	1.875
6	201	91	25	3.750	5.000	1.250
6	201	101	3	9.375	13.750	4.375
6	201	101	8	11.875	2.500	-9.375
6	201	101	36	3.750	3.750	0.0
6	201	111	34	5.625	4.375	-1.250
6	201	111	36	13.750	10.000	-3.750
6	211	81	3	11.250	15.000	3.750
6	211	81	12	3.125	12.500	9.375
6	211	81	31	7.500	6.875	-0.625
6	211	91	2	15.625	13.125	-2.500
6	211	91	10	11.875	14.375	2.500
6	211	91	34	20.000	9.375	-10.625
6	211	101	6	11.875	13.750	1.875
6	211	101	11	5.625	6.250	0.625
6	211	101	19	11.250	13.125	1.875
6	211	101	29	8.750	10.000	1.250
6	211	111	16	10.000	11.250	1.250
6	211	111	24	3.750	0.625	-3.125
6	211	111	29	15.000	18.750	3.750
6	211	111	31	11.250	11.250	0.0
6	221	81	18	8.750	8.750	0.0
6	221	81	23	10.000	7.500	-2.500
6	221	81	27	15.625	18.750	3.125
6	221	91	17	3.750	7.500	3.750
6	221	91	27	10.625	6.250	-4.375
6	221	91	30	9.375	35.625	26.250
6	221	101	24	1.875	4.375	2.500
6	221	101	35	11.875	12.500	0.625
6	371	11	11	9.375	8.125	-1.250

TABLE 94. CONTINUED

LEE COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1939	1970	CHANGE
6	371	11	13	8.125	10.625	2.500
6	371	11	19	7.500	6.875	-0.625
6	371	21	6	4.375	6.250	1.875
6	371	21	17	5.000	7.500	2.500
6	371	21	22	6.250	8.750	2.500
6	371	21	26	10.000	12.500	2.500
6	371	21	31	11.250	9.375	-1.875
6	381	11	1	6.875	7.500	0.625
6	381	11	3	4.375	6.250	1.875
6	381	11	26	3.750	6.875	3.125
6	381	11	28	5.625	5.000	-0.625
6	381	21	4	9.375	8.125	-1.250
6	381	21	7	9.375	10.625	1.250
6	381	21	14	7.500	5.000	-2.500
6	381	21	17	10.625	7.500	-3.125
6	381	21	24	8.125	6.250	-1.875
6	381	21	29	11.250	7.500	-3.750
6	391	11	2	13.125	13.125	0.0
6	391	11	17	9.375	4.375	-5.000
6	391	11	27	4.375	5.000	0.625
6	391	11	31	6.875	6.875	0.0
6	391	21	11	13.750	8.125	-5.625
6	391	21	15	7.500	5.625	-1.875
6	391	21	17	10.000	10.000	0.0

TABLE 95. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1939	1970	CHANGE
6	191	81	9	1.875	3.750	1.875
6	191	91	10	9.375	6.875	-2.500
6	191	91	20	4.375	4.375	0.0
6	191	91	31	5.000	5.625	0.625
6	191	91	34	3.750	8.125	4.375
6	191	101	4	2.500	2.500	0.0
6	191	101	23	6.875	6.250	-0.625
6	191	111	8	6.250	3.750	-2.500
6	191	111	24	4.375	2.500	-1.875
6	191	111	34	0.0	1.250	1.250
6	201	81	3	3.125	1.875	-1.250
6	201	81	9	4.375	2.500	-1.875
6	201	81	15	6.250	8.750	2.500
6	201	81	20	3.750	5.000	1.250
6	201	81	34	0.625	1.250	0.625
6	201	91	2	2.500	14.375	11.875
6	201	91	6	1.875	1.875	0.0
6	201	91	8	5.625	3.125	-2.500
6	201	91	10	6.875	4.375	-2.500
6	201	91	18	8.750	7.500	-1.250
6	201	91	23	5.625	5.000	-0.625
6	201	91	25	4.375	6.875	2.500
6	201	101	3	5.625	15.000	9.375
6	201	101	8	5.625	11.875	6.250
6	201	101	36	8.750	5.000	-3.750
6	201	111	34	3.125	5.625	2.500
6	201	111	36	2.500	3.750	1.250
6	211	81	3	6.250	6.875	0.625
6	211	81	12	5.625	6.875	1.250
6	211	81	31	3.125	6.875	3.750
6	211	91	2	12.500	9.375	-3.125
6	211	91	10	6.250	7.500	1.250
6	211	91	34	5.625	6.250	0.625
6	211	101	6	8.750	10.625	1.875
6	211	101	11	2.500	3.750	1.250
6	211	101	19	5.000	4.375	-0.625
6	211	101	29	3.750	3.750	0.0
6	211	111	16	2.500	5.625	3.125
6	211	111	24	1.250	3.125	1.875
6	211	111	29	5.625	3.750	-1.875
6	211	111	31	6.250	6.250	0.0
6	221	81	18	3.750	4.375	0.625
6	221	81	23	6.250	6.875	0.625
6	221	81	27	4.375	8.750	4.375
6	221	91	17	2.500	2.500	0.0
6	221	91	27	14.375	15.625	1.250
6	221	91	30	7.500	8.750	1.250
6	221	101	24	0.0	0.0	0.0
6	221	101	35	3.750	4.375	0.625
6	371	11	11	13.125	8.750	-4.375

TABLE 95. CONTINUED

LEE COUNTY ROADS

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	6.875	5.625	-1.250
6	371	11	19	4.375	4.375	0.0
6	371	21	6	3.750	3.125	-0.625
6	371	21	17	1.875	1.875	0.0
6	371	21	22	3.125	1.250	-1.875
6	371	21	26	5.625	5.000	-0.625
6	371	21	31	6.250	7.500	1.250
6	381	11	1	6.875	4.375	-2.500
6	381	11	3	8.125	5.625	-2.500
6	381	11	26	1.250	3.750	2.500
6	381	11	28	6.875	5.000	-1.875
6	381	21	4	8.125	7.500	-0.625
6	381	21	7	2.500	0.625	-1.875
6	381	21	14	7.500	6.250	-1.250
6	381	21	17	13.750	6.250	-7.500
6	381	21	24	9.375	5.625	-3.750
6	381	21	29	6.875	3.750	-3.125
6	391	11	2	2.500	3.125	0.625
6	391	11	17	1.875	3.750	1.875
6	391	11	27	5.000	7.500	2.500
6	391	11	31	3.750	3.125	-0.625
6	391	21	11	4.375	3.750	-0.625
6	391	21	15	5.625	5.625	0.0
6	391	21	17	1.250	2.500	1.250

TABLE 96. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	RAILROAD 1939	1970	CHANGE
6	191	81	9	2.500	0.0	-2.500
6	191	91	10	0.0	0.0	0.0
6	191	91	20	0.0	0.0	0.0
6	191	91	31	0.0	0.0	0.0
6	191	91	34	0.0	0.0	0.0
6	191	101	4	0.0	0.0	0.0
6	191	101	23	0.0	0.0	0.0
6	191	111	8	1.875	1.250	-0.625
6	191	111	24	0.0	0.0	0.0
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.625	1.250	0.625
6	201	81	15	3.125	3.750	0.625
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	0.0	0.0
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	16	1.250	0.625	-0.625
6	201	91	23	0.0	0.0	0.0
6	201	91	25	0.0	0.0	0.0
6	201	101	3	0.0	0.0	0.0
6	201	101	8	3.750	2.500	-1.250
6	201	101	36	2.500	2.500	0.0
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	5.000	4.375	-0.625
6	211	81	31	2.500	1.875	-0.625
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	3.125	1.875	-1.250
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.0	0.0
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	0.0	0.0	0.0
6	221	91	17	0.0	0.0	0.0
6	221	91	27	0.0	0.0	0.0
6	221	91	30	0.0	0.0	0.0
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	3.750	3.750	0.0

TABLE 96. CONTINUED

LEE COUNTY RAILROAD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	1.875	1.875	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	6	1.875	2.500	0.625
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	5.625	1.875	-3.750
6	381	21	24	0.0	0.0	0.0
6	381	21	29	4.375	4.375	0.0
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	7.500	5.625	-1.875

TABLE 97. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1939	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	0.0	0.0
6	191	91	20	0.0	1.250	1.250
6	191	91	31	0.0	0.0	0.0
6	191	91	34	1.250	1.250	0.0
6	191	101	4	0.625	3.125	2.500
6	191	101	23	0.0	0.0	0.0
6	191	111	8	0.0	0.0	0.0
6	191	111	24	0.0	0.0	0.0
6	191	111	34	1.875	3.750	1.875
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.0	0.0	0.0
6	201	81	15	0.0	0.0	0.0
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	0.0	0.0
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	16	0.0	0.0	0.0
6	201	91	23	0.0	0.0	0.0
6	201	91	25	5.625	14.375	8.750
6	201	101	3	0.0	0.0	0.0
6	201	101	8	0.0	0.0	0.0
6	201	101	36	0.0	0.0	0.0
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.625	0.625
6	211	81	3	0.0	0.0	0.0
6	211	81	12	74.375	75.000	0.625
6	211	81	31	2.500	1.875	-0.625
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	0.0	0.0	0.0
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.625	0.625
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	0.0	0.0	0.0
6	221	91	17	83.750	88.750	5.000
6	221	91	27	43.750	47.500	3.750
6	221	91	30	0.0	1.250	1.250
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	0.0	0.0	0.0

TABLE 97. CONTINUED

LEE COUNTY WATER

COUNTY	TWP	RNG	SECTION	1969	1970	CHANGE
6	371	11	13	0.0	0.625	0.625
6	371	11	19	0.0	0.0	0.0
6	371	21	6	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	1.875	1.875
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	1.875	6.875	5.000
6	381	21	4	0.0	0.0	0.0
6	381	21	7	5.625	8.750	3.125
6	381	21	14	1.250	0.0	-1.250
6	381	21	17	1.250	1.250	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	0.0	0.625	0.625
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 98. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1939	1970	CHANGE
6	191	81	9	8.750	4.375	-4.375
6	191	91	10	6.875	11.250	4.375
6	191	91	20	3.750	7.500	3.750
6	191	91	31	6.875	10.000	3.125
6	191	91	34	11.875	6.875	-5.000
6	191	101	4	3.750	3.125	-0.625
6	191	101	23	5.625	12.500	6.875
6	191	111	8	8.750	13.125	4.375
6	191	111	24	3.125	5.625	2.500
6	191	111	34	3.750	6.875	3.125
6	201	81	3	7.500	21.250	13.750
6	201	81	9	16.875	33.125	16.250
6	201	81	15	16.250	17.500	1.250
6	201	81	20	7.500	9.375	1.875
6	201	81	34	8.125	10.000	1.875
6	201	91	2	5.625	25.000	19.375
6	201	91	6	9.375	18.750	9.375
6	201	91	8	4.375	6.250	1.875
6	201	91	10	5.000	10.000	5.000
6	201	91	18	8.750	13.750	5.000
6	201	91	23	5.625	7.500	1.875
6	201	91	25	6.250	5.625	-0.625
6	201	101	3	16.250	15.625	-0.625
6	201	101	8	10.625	31.875	21.250
6	201	101	36	13.750	8.750	-5.000
6	201	111	34	8.125	0.0	-8.125
6	201	111	36	4.375	5.000	0.625
6	211	81	3	8.125	13.125	5.000
6	211	81	12	73.750	15.625	-58.125
6	211	81	31	20.625	15.625	-5.000
6	211	91	2	15.000	20.000	5.000
6	211	91	10	7.500	11.875	4.375
6	211	91	34	4.375	10.000	5.625
6	211	101	6	20.625	21.250	0.625
6	211	101	11	6.250	8.750	2.500
6	211	101	19	3.125	8.750	5.625
6	211	101	29	6.250	7.500	1.250
6	211	111	16	5.000	5.625	0.625
6	211	111	24	15.625	18.750	3.125
6	211	111	29	11.250	13.125	1.875
6	211	111	31	11.875	12.500	0.625
6	221	81	18	4.375	8.125	3.750
6	221	81	23	6.250	8.750	2.500
6	221	81	27	13.125	17.500	4.375
6	221	91	17	5.000	4.375	-0.625
6	221	91	27	8.125	13.750	5.625
6	221	91	30	8.125	16.250	8.125
6	221	101	24	0.625	2.500	1.875
6	221	101	35	3.750	9.375	5.625
6	371	11	11	13.125	20.000	6.875

TABLE 98. CONTINUED

LEE COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1939	1970	CHANGE
6	371	11	13	12.500	13.125	0.625
6	371	11	19	5.625	9.375	3.750
6	371	21	6	6.875	11.875	5.000
6	371	21	17	4.375	4.375	0.0
6	371	21	22	5.625	7.500	1.875
6	371	21	26	5.000	4.375	-0.625
6	371	21	31	11.875	6.250	-5.625
6	381	11	1	8.125	9.375	1.250
6	381	11	5	8.125	11.875	3.750
6	381	11	26	13.750	16.250	2.500
6	381	11	28	6.875	7.500	0.625
6	381	21	4	7.500	8.750	1.250
6	381	21	7	2.500	4.375	1.875
6	381	21	14	5.625	7.500	1.875
6	381	21	17	9.375	23.125	13.750
6	381	21	24	5.000	11.250	6.250
6	381	21	29	12.500	15.000	2.500
6	391	11	2	15.000	18.750	3.750
6	391	11	17	8.750	10.000	1.250
6	391	11	27	15.000	18.125	3.125
6	391	11	31	3.125	8.125	5.000
6	391	21	11	3.750	5.625	1.875
6	391	21	15	10.000	13.750	3.750
6	391	21	17	13.750	15.000	1.250

TABLE 99. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	URBAN 1939	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	0.0	0.0
6	191	91	20	0.0	0.0	0.0
6	191	91	31	0.0	0.0	0.0
6	191	91	34	0.0	0.0	0.0
6	191	101	4	0.0	0.0	0.0
6	191	101	23	0.0	0.0	0.0
6	191	111	8	0.0	0.0	0.0
6	191	111	24	0.0	0.0	0.0
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.0	0.0	0.0
6	201	81	15	33.125	30.625	-2.500
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	0.0	0.0
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	18	0.0	0.0	0.0
6	201	91	23	0.0	0.0	0.0
6	201	91	25	0.0	0.0	0.0
6	201	101	3	0.0	0.0	0.0
6	201	101	8	0.0	0.0	0.0
6	201	101	36	0.0	0.0	0.0
6	201	111	34	0.0	6.250	6.250
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	0.0	0.0	0.0
6	211	81	31	0.0	0.0	0.0
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	0.0	30.625	30.625
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.0	0.0
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	0.0	0.0	0.0
6	221	91	17	0.0	0.0	0.0
6	221	91	27	0.0	0.0	0.0
6	221	91	30	0.0	0.0	0.0
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	38.125	57.500	19.375

TABLE 99. CONTINUED

LEE COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	0.0	0.0	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	6	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	0.0	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	0.0	0.0	0.0
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 100. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	0.0	0.0
6	191	91	20	0.0	0.0	0.0
6	191	91	31	0.0	0.0	0.0
6	191	91	34	4.375	8.750	4.375
6	191	101	4	0.0	0.0	0.0
6	191	101	23	0.0	0.0	0.0
6	191	111	8	0.0	0.0	0.0
6	191	111	24	0.0	0.0	0.0
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.0	0.0	0.0
6	201	81	15	3.125	3.125	0.0
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	1.875	1.875
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	18	0.0	0.0	0.0
6	201	91	23	0.0	0.0	0.0
6	201	91	25	0.0	0.0	0.0
6	201	101	3	0.0	0.0	0.0
6	201	101	6	0.0	52.500	52.500
6	201	101	36	0.0	0.0	0.0
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	0.0	16.875	16.875
6	211	81	31	0.0	1.250	1.250
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	31.875	0.0	-31.875
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.0	0.0
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	18	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	4.375	3.125	-1.250
6	221	91	17	5.625	6.875	1.250
6	221	91	27	5.000	7.500	2.500
6	221	91	30	0.0	1.875	1.875
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	0.0	0.0	0.0

TABLE 100. CONTINUED

LEE COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1969	1970	CHANGE
6	371	11	13	0.0	0.0	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	8	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	0.0	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	0.0	0.0	0.0
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 101. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1969	1970	CHANGE
6	191	81	9	0.0	0.0	0.0
6	191	91	10	0.0	0.0	0.0
6	191	91	20	0.0	0.0	0.0
6	191	91	31	0.0	0.0	0.0
6	191	91	34	0.0	0.0	0.0
6	191	101	4	0.0	0.0	0.0
6	191	101	23	0.0	0.0	0.0
6	191	111	6	0.0	0.0	0.0
6	191	111	24	0.0	0.0	0.0
6	191	111	34	0.0	0.0	0.0
6	201	81	3	0.0	0.0	0.0
6	201	81	9	0.0	0.0	0.0
6	201	81	15	0.0	0.0	0.0
6	201	81	20	0.0	0.0	0.0
6	201	81	34	0.0	0.0	0.0
6	201	91	2	0.0	0.0	0.0
6	201	91	6	0.0	0.0	0.0
6	201	91	8	0.0	0.0	0.0
6	201	91	10	0.0	0.0	0.0
6	201	91	18	0.0	0.0	0.0
6	201	91	23	0.0	0.0	0.0
6	201	91	25	0.0	0.0	0.0
6	201	101	3	0.0	0.0	0.0
6	201	101	6	0.0	0.0	0.0
6	201	101	36	0.0	0.0	0.0
6	201	111	34	0.0	0.0	0.0
6	201	111	36	0.0	0.0	0.0
6	211	81	3	0.0	0.0	0.0
6	211	81	12	0.0	0.0	0.0
6	211	81	31	0.0	0.0	0.0
6	211	91	2	0.0	0.0	0.0
6	211	91	10	0.0	0.0	0.0
6	211	91	34	0.0	0.0	0.0
6	211	101	6	0.0	0.0	0.0
6	211	101	11	0.0	0.0	0.0
6	211	101	19	0.0	0.0	0.0
6	211	101	29	0.0	0.0	0.0
6	211	111	16	0.0	0.0	0.0
6	211	111	24	0.0	0.0	0.0
6	211	111	29	0.0	0.0	0.0
6	211	111	31	0.0	0.0	0.0
6	221	81	16	0.0	0.0	0.0
6	221	81	23	0.0	0.0	0.0
6	221	81	27	0.0	0.0	0.0
6	221	91	17	0.0	0.0	0.0
6	221	91	27	70.000	192.500	122.500
6	221	91	30	0.0	0.0	0.0
6	221	101	24	0.0	0.0	0.0
6	221	101	35	0.0	0.0	0.0
6	371	11	11	0.0	0.0	0.0

TABLE 101. CONTINUED

LEE COUNTY STRIPMINED

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	15	0.0	0.0	0.0
6	371	11	19	0.0	0.0	0.0
6	371	21	8	0.0	0.0	0.0
6	371	21	17	0.0	0.0	0.0
6	371	21	22	0.0	0.0	0.0
6	371	21	26	0.0	0.0	0.0
6	371	21	31	0.0	0.0	0.0
6	381	11	1	0.0	0.0	0.0
6	381	11	3	0.0	0.0	0.0
6	381	11	26	0.0	0.0	0.0
6	381	11	28	0.0	0.0	0.0
6	381	21	4	0.0	0.0	0.0
6	381	21	7	0.0	0.0	0.0
6	381	21	14	0.0	0.0	0.0
6	381	21	17	0.0	0.0	0.0
6	381	21	24	0.0	0.0	0.0
6	381	21	29	0.0	0.0	0.0
6	391	11	2	0.0	0.0	0.0
6	391	11	17	0.0	0.0	0.0
6	391	11	27	0.0	0.0	0.0
6	391	11	31	0.0	0.0	0.0
6	391	21	11	0.0	0.0	0.0
6	391	21	15	0.0	0.0	0.0
6	391	21	17	0.0	0.0	0.0

TABLE 102. SAMPLE SECTIONS AND LAND USE DATA

LEE COUNTY

COUNTY	TWP	RNG	SECTION	NON-HABITAT 1939	1970	CHANGE
6	191	81	9	6.250	4.375	-1.875
6	191	91	10	21.250	20.000	-1.250
6	191	91	20	6.250	5.625	-0.625
6	191	91	31	16.875	25.000	8.125
6	191	91	34	17.500	21.250	3.750
6	191	101	4	10.625	6.875	-3.750
6	191	101	23	13.750	14.375	0.625
6	191	111	8	13.750	11.250	-2.500
6	191	111	24	13.750	11.875	-1.875
6	191	111	34	3.125	5.625	2.500
6	201	81	3	10.000	8.125	-1.875
6	201	81	9	7.500	8.750	1.250
6	201	81	15	60.625	60.000	-0.625
6	201	81	20	16.250	14.375	-1.875
6	201	81	34	9.375	8.750	-0.625
6	201	91	2	8.750	17.500	8.750
6	201	91	6	16.250	5.000	-11.250
6	201	91	8	16.250	11.875	-4.375
6	201	91	10	16.250	10.625	-5.625
6	201	91	18	10.625	9.375	-1.250
6	201	91	23	11.250	12.500	1.250
6	201	91	25	8.125	11.875	3.750
6	201	101	3	15.000	28.750	13.750
6	201	101	8	21.250	69.375	48.125
6	201	101	36	15.000	11.250	-3.750
6	201	111	34	8.750	16.250	7.500
6	201	111	36	16.250	13.750	-2.500
6	211	81	3	17.500	21.875	4.375
6	211	81	12	13.750	40.625	26.875
6	211	81	31	13.125	16.875	3.750
6	211	91	2	28.125	22.500	-5.625
6	211	91	10	18.125	21.875	3.750
6	211	91	34	25.625	15.625	-10.000
6	211	101	6	55.625	56.875	1.250
6	211	101	11	8.125	10.000	1.875
6	211	101	19	16.250	17.500	1.250
6	211	101	29	12.500	13.750	1.250
6	211	111	16	12.500	16.875	4.375
6	211	111	24	5.000	3.750	-1.250
6	211	111	29	20.625	22.500	1.875
6	211	111	31	17.500	17.500	0.0
6	221	81	18	12.500	13.125	0.625
6	221	81	23	16.250	14.375	-1.875
6	221	81	27	24.375	30.625	6.250
6	221	91	17	11.875	16.875	5.000
6	221	91	27	30.000	29.375	-0.625
6	221	91	30	16.875	46.250	29.375
6	221	101	24	1.875	4.375	2.500
6	221	101	35	15.625	16.875	1.250
6	371	11	11	64.375	78.125	13.750

TABLE 102. CONTINUED

LEE COUNTY NON-HABITAT

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
6	371	11	13	16.875	18.125	1.250
6	371	11	19	11.875	11.250	-0.625
6	371	21	6	10.000	11.875	1.875
6	371	21	17	6.875	9.375	2.500
6	371	21	22	9.375	10.000	0.625
6	371	21	26	15.625	17.500	1.875
6	371	21	31	17.500	16.875	-0.625
6	381	11	1	13.750	11.875	-1.875
6	381	11	3	12.500	11.875	-0.625
6	381	11	26	5.000	10.625	5.625
6	381	11	28	12.500	10.000	-2.500
6	381	21	4	17.500	15.625	-1.875
6	381	21	7	11.875	11.250	-0.625
6	381	21	14	15.000	11.250	-3.750
6	381	21	17	30.000	15.625	-14.375
6	381	21	24	17.500	11.875	-5.625
6	381	21	29	22.500	15.625	-6.875
6	391	11	2	15.625	16.250	0.625
6	391	11	17	11.250	8.125	-3.125
6	391	11	27	9.375	12.500	3.125
6	391	11	31	10.625	10.000	-0.625
6	391	21	11	18.125	11.875	-6.250
6	391	21	15	13.125	11.250	-1.875
6	391	21	17	18.750	18.125	-0.625

TABLE 103. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	INTSP INDEX 1939	1970	CHANGE
7	141	91	13	18.000	21.000	3.000
7	141	91	15	15.000	20.000	5.000
7	141	91	35	16.000	22.000	6.000
7	141	101	5	5.000	0.0	-5.000
7	141	101	32	22.000	23.000	1.000
7	311	12	4	15.000	15.000	0.0
7	311	12	20	27.000	26.000	-1.000
7	311	12	36	11.000	9.000	-2.000
7	311	22	3	15.000	16.000	1.000
7	311	22	13	16.000	19.000	3.000
7	321	12	2	8.000	16.000	8.000
7	321	12	5	37.000	34.000	-3.000
7	321	12	14	5.000	9.000	4.000
7	321	12	22	7.000	8.000	1.000
7	321	12	36	5.000	2.000	-3.000
7	321	22	12	26.000	28.000	2.000
7	321	22	26	23.000	22.000	-1.000
7	331	22	25	36.000	23.000	-13.000

TABLE 104. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1939	1970	CHANGE
7	141	91	13	250.000	230.000	-20.000
7	141	91	15	232.500	322.500	90.000
7	141	91	35	330.625	326.250	-4.375
7	141	101	5	0.0	0.0	0.0
7	141	101	32	487.500	491.250	3.750
7	311	12	4	541.875	543.750	1.875
7	311	12	20	361.250	367.500	6.250
7	311	12	36	590.625	593.125	2.500
7	311	22	3	24.375	63.750	39.375
7	311	22	13	289.375	286.250	-3.125
7	321	12	2	538.125	577.500	39.375
7	321	12	5	248.125	335.000	86.875
7	321	12	14	597.500	601.250	3.750
7	321	12	22	567.500	585.625	18.125
7	321	12	36	594.375	603.125	8.750
7	321	22	12	276.250	235.625	-40.625
7	321	22	26	196.875	231.250	34.375
7	331	22	25	423.125	380.625	-42.500

TABLE 105. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	PASTURE 1939	PASTURE 1970	PASTURE CHANGE
7	141	91	13	87.500	36.875	-50.625
7	141	91	15	343.125	167.500	-175.625
7	141	91	35	198.750	50.000	-148.750
7	141	101	5	0.0	0.0	0.0
7	141	101	32	82.500	78.125	-4.375
7	311	12	4	53.125	41.875	-11.250
7	311	12	20	55.625	65.625	10.000
7	311	12	36	7.500	5.000	-2.500
7	311	22	3	13.125	0.0	-13.125
7	311	22	13	31.875	63.125	31.250
7	321	12	2	50.625	15.000	-35.625
7	321	12	5	175.625	48.750	-126.875
7	321	12	14	2.500	2.500	0.0
7	321	12	22	0.625	0.0	-0.625
7	321	12	36	1.875	3.125	1.250
7	321	22	12	55.000	65.625	10.625
7	321	22	26	96.875	69.375	-27.500
7	331	22	25	54.375	83.750	29.375

TABLE 106. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	255.000	293.750	38.750
7	141	91	15	15.000	40.625	25.625
7	141	91	35	59.375	174.375	115.000
7	141	101	5	1.250	8.750	7.500
7	141	101	32	0.625	0.0	-0.625
7	311	12	4	0.0	0.0	0.0
7	311	12	20	41.875	70.625	28.750
7	311	12	36	0.0	0.0	0.0
7	311	22	3	79.375	146.250	66.875
7	311	22	13	200.000	206.875	6.875
7	321	12	2	0.0	0.0	0.0
7	321	12	5	1.250	8.125	6.875
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	43.750	108.125	64.375
7	321	22	26	221.875	223.125	1.250
7	331	22	25	3.750	18.750	15.000

TABLE 107. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	0.0	0.0	0.0
7	141	91	15	0.0	0.0	0.0
7	141	91	35	1.250	0.625	-0.625
7	141	101	5	0.0	0.0	0.0
7	141	101	32	1.875	0.0	-1.875
7	311	12	4	0.0	0.0	0.0
7	311	12	20	0.0	0.0	0.0
7	311	12	36	0.0	0.0	0.0
7	311	22	3	0.0	0.0	0.0
7	311	22	13	9.375	0.0	-9.375
7	321	12	2	0.0	0.0	0.0
7	321	12	5	1.250	0.0	-1.250
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	1.250	2.500	1.250
7	321	22	26	3.750	1.250	-2.500
7	331	22	25	0.0	0.0	0.0

TABLE 108. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY CLC FIELD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	18.125	52.500	34.375
7	141	91	15	21.250	61.250	40.000
7	141	91	35	28.750	66.250	37.500
7	141	101	5	15.000	0.625	-14.375
7	141	101	32	10.000	6.250	-3.750
7	311	12	4	8.750	10.000	1.250
7	311	12	20	131.250	93.125	-38.125
7	311	12	36	0.0	0.0	0.0
7	311	22	3	132.500	45.000	-87.500
7	311	22	13	70.000	52.500	-17.500
7	321	12	2	6.250	3.750	-2.500
7	321	12	5	91.875	135.625	43.750
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.625	0.625
7	321	12	36	0.0	0.0	0.0
7	321	22	12	228.750	188.125	-40.625
7	321	22	26	89.375	84.375	-5.000
7	331	22	25	85.000	82.500	-2.500

TABLE 109. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	15.000	10.000	-5.000
7	141	91	15	10.000	10.000	0.0
7	141	91	35	11.250	5.000	-6.250
7	141	101	5	0.0	0.0	0.0
7	141	101	32	22.500	13.125	-9.375
7	311	12	4	16.875	15.000	-1.875
7	311	12	20	15.000	17.500	2.500
7	311	12	36	13.750	11.250	-2.500
7	311	22	3	0.625	1.250	0.625
7	311	22	13	19.375	6.875	-12.500
7	321	12	2	11.875	11.250	-0.625
7	321	12	5	50.625	41.250	-9.375
7	321	12	14	6.875	8.750	1.875
7	321	12	22	15.000	10.000	-5.000
7	321	12	36	11.250	8.750	-2.500
7	321	22	12	19.375	15.000	-4.375
7	321	22	26	23.750	8.750	-15.000
7	331	22	25	24.375	19.375	-5.000

TABLE 110. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	WETLAND 1939	1970	CHANGE
7	141	91	13	0.0	0.0	0.0
7	141	91	15	0.0	0.0	0.0
7	141	91	35	0.0	0.0	0.0
7	141	101	5	93.125	16.875	-76.250
7	141	101	32	0.0	0.0	0.0
7	311	12	4	0.0	0.0	0.0
7	311	12	20	0.0	0.0	0.0
7	311	12	36	0.0	0.0	0.0
7	311	22	3	16.875	10.625	-6.250
7	311	22	13	0.0	0.0	0.0
7	321	12	2	0.0	0.0	0.0
7	321	12	5	0.0	0.0	0.0
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	0.0	0.0	0.0
7	321	22	26	0.0	0.0	0.0
7	331	22	25	1.875	2.500	0.625

TABLE 111. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	BUILDINGS 1939	1970	CHANGE
7	141	91	13	1.875	3.125	1.250
7	141	91	15	9.375	9.375	0.0
7	141	91	35	2.500	6.250	3.750
7	141	101	5	0.0	0.0	0.0
7	141	101	32	5.625	5.000	-0.625
7	311	12	4	7.500	6.875	-0.625
7	311	12	20	18.750	5.625	-13.125
7	311	12	36	6.250	6.875	0.625
7	311	22	3	1.250	1.875	0.625
7	311	22	13	11.250	8.750	-2.500
7	321	12	2	15.000	6.875	-8.125
7	321	12	5	13.750	9.375	-4.375
7	321	12	14	11.875	14.375	2.500
7	321	12	22	15.625	11.875	-3.750
7	321	12	36	17.500	13.750	-3.750
7	321	22	12	3.125	8.125	5.000
7	321	22	26	3.750	10.625	6.875
7	331	22	25	6.250	10.000	3.750

TABLE 112. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	ROADS 1939	1970	CHANGE
7	141	91	13	5.625	4.375	-1.250
7	141	91	15	3.125	3.125	0.0
7	141	91	35	1.250	1.875	0.625
7	141	101	5	0.0	0.0	0.0
7	141	101	32	6.875	10.625	3.750
7	311	12	4	6.250	5.625	-0.625
7	311	12	20	5.625	6.250	0.625
7	311	12	36	8.750	1.875	-6.875
7	311	22	3	1.250	1.875	0.625
7	311	22	13	3.125	6.250	3.125
7	321	12	2	9.375	1.250	-8.125
7	321	12	5	25.000	13.125	-11.875
7	321	12	14	15.000	4.375	-10.625
7	321	12	22	6.250	3.750	-2.500
7	321	12	36	8.750	3.125	-5.625
7	321	22	12	5.000	6.875	1.875
7	321	22	26	3.750	6.250	2.500
7	331	22	25	5.625	3.750	-1.875

TABLE 113. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	0.0	0.0	0.0
7	141	91	15	0.0	0.0	0.0
7	141	91	35	0.0	0.0	0.0
7	141	101	5	0.0	0.0	0.0
7	141	101	32	3.125	2.500	-0.625
7	311	12	4	0.0	0.0	0.0
7	311	12	20	0.0	0.0	0.0
7	311	12	36	0.0	0.0	0.0
7	311	22	3	0.0	0.0	0.0
7	311	22	13	0.0	0.0	0.0
7	321	12	2	0.0	0.0	0.0
7	321	12	5	3.125	1.250	-1.875
7	321	12	14	0.0	0.0	0.0
7	321	12	22	3.750	2.500	-1.250
7	321	12	36	0.0	0.0	0.0
7	321	22	12	0.0	0.0	0.0
7	321	22	26	0.0	0.0	0.0
7	331	22	25	3.750	1.250	-2.500

TABLE 114. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	WATER 1939	1970	CHANGE
7	141	91	13	1.875	2.500	0.625
7	141	91	15	0.625	0.625	0.0
7	141	91	35	1.875	3.750	1.875
7	141	101	5	0.0	0.0	0.0
7	141	101	32	0.0	0.625	0.625
7	311	12	4	0.625	4.375	3.750
7	311	12	20	3.125	1.875	-1.250
7	311	12	36	0.0	0.0	0.0
7	311	22	3	1.250	0.625	-0.625
7	311	22	13	3.125	1.875	-1.250
7	321	12	2	3.125	4.375	1.250
7	321	12	5	2.500	0.625	-1.875
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	1.250	0.625	-0.625
7	321	22	26	0.0	0.625	0.625
7	331	22	25	4.375	8.125	3.750

TABLE 115. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	RIGHT-OF-WAY 1939	1970	CHANGE
7	141	91	13	1.250	1.250	0.0
7	141	91	15	5.000	15.000	10.000
7	141	91	35	3.125	3.750	0.625
7	141	101	5	0.0	0.0	0.0
7	141	101	32	18.750	29.375	10.625
7	311	12	4	5.000	12.500	7.500
7	311	12	20	7.500	11.875	4.375
7	311	12	36	13.125	21.875	8.750
7	311	22	3	0.0	0.0	0.0
7	311	22	13	2.500	7.500	5.000
7	321	12	2	5.625	20.000	14.375
7	321	12	5	0.625	3.750	3.125
7	321	12	14	6.250	8.750	2.500
7	321	12	22	31.250	25.625	-5.625
7	321	12	36	6.250	8.125	1.875
7	321	22	12	6.250	9.375	3.125
7	321	22	26	0.0	4.375	4.375
7	331	22	25	3.125	1.250	-1.875

TABLE 116. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	0.0	0.0	0.0
7	141	91	15	0.0	0.0	0.0
7	141	91	35	0.0	0.0	0.0
7	141	101	5	0.0	0.0	0.0
7	141	101	32	0.0	0.0	0.0
7	311	12	4	0.0	0.0	0.0
7	311	12	20	0.0	0.0	0.0
7	311	12	36	0.0	0.0	0.0
7	311	22	3	0.0	0.0	0.0
7	311	22	13	0.0	0.0	0.0
7	321	12	2	0.0	0.0	0.0
7	321	12	5	26.250	34.375	8.125
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	0.0	0.0	0.0
7	321	22	26	0.0	0.0	0.0
7	331	22	25	0.0	0.0	0.0

TABLE 117. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
7	141	91	13	3.750	5.625	1.875
7	141	91	15	0.0	10.000	10.000
7	141	91	35	1.250	1.875	0.625
7	141	101	5	530.625	613.750	83.125
7	141	101	32	0.625	3.125	2.500
7	311	12	4	0.0	0.0	0.0
7	311	12	20	0.0	0.0	0.0
7	311	12	36	0.0	0.0	0.0
7	311	22	3	369.375	368.750	-0.625
7	311	22	13	0.0	0.0	0.0
7	321	12	2	0.0	0.0	0.0
7	321	12	5	0.0	8.750	8.750
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	0.0	0.0	0.0
7	321	22	26	0.0	0.0	0.0
7	321	22	25	24.375	28.125	3.750

TABLE 118. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	STRIPMINED 1939	1970	CHANGE
7	141	91	13	0.0	0.0	0.0
7	141	91	15	0.0	0.0	0.0
7	141	91	35	0.0	0.0	0.0
7	141	101	5	0.0	0.0	0.0
7	141	101	32	0.0	0.0	0.0
7	311	12	4	0.0	0.0	0.0
7	311	12	20	0.0	0.0	0.0
7	311	12	36	0.0	0.0	0.0
7	311	22	3	0.0	0.0	0.0
7	311	22	13	0.0	0.0	0.0
7	321	12	2	0.0	0.0	0.0
7	321	12	5	0.0	0.0	0.0
7	321	12	14	0.0	0.0	0.0
7	321	12	22	0.0	0.0	0.0
7	321	12	36	0.0	0.0	0.0
7	321	22	12	0.0	0.0	0.0
7	321	22	26	0.0	0.0	0.0
7	331	22	25	0.0	0.0	0.0

TABLE 119. SAMPLE SECTIONS AND LAND USE DATA

PUTNAM COUNTY

COUNTY	TWP	RNG	SECTION	NON-HABITAT 1939	1970	CHANGE
7	141	91	13	11.250	13.125	1.875
7	141	91	15	12.500	22.500	10.000
7	141	91	35	5.000	10.000	5.000
7	141	101	5	530.625	613.750	83.125
7	141	101	32	16.250	21.250	5.000
7	311	12	4	13.750	12.500	-1.250
7	311	12	20	24.375	11.875	-12.500
7	311	12	36	15.000	8.750	-6.250
7	311	22	3	371.875	372.500	0.625
7	311	22	13	14.375	15.000	0.625
7	321	12	2	24.375	8.125	-16.250
7	321	12	5	68.125	66.875	-1.250
7	321	12	14	26.875	18.750	-8.125
7	321	12	22	25.625	18.125	-7.500
7	321	12	36	26.250	16.875	-9.375
7	321	22	12	8.125	15.000	6.875
7	321	22	26	7.500	16.875	9.375
7	331	22	25	40.000	43.125	3.125

TABLE 120. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY

COUNTY	TWP	RNG	SECTION	INTSP INDEX 1939	1970	CHANGE
8	261	51	2	13.000	12.000	-1.000
8	261	51	27	12.000	12.000	0.0
8	261	61	6	16.000	13.000	-3.000
8	261	61	21	9.000	11.000	2.000
8	261	61	27	6.000	9.000	3.000
8	261	71	2	14.000	12.000	-2.000
8	261	71	4	19.000	11.000	-8.000
8	261	71	12	13.000	16.000	3.000
8	261	71	30	6.000	6.000	0.0
8	261	81	2	14.000	9.000	-5.000
8	261	81	13	8.000	6.000	-2.000
8	261	81	20	22.000	17.000	-5.000
8	261	91	10	9.000	2.000	-7.000
8	261	91	16	14.000	10.000	-4.000
8	271	51	22	11.000	3.000	-8.000
8	271	61	15	8.000	17.000	9.000
8	271	61	20	6.000	3.000	-3.000
8	271	61	24	8.000	8.000	0.0
8	271	71	10	24.000	15.000	-9.000
8	271	71	20	19.000	19.000	0.0
8	271	71	22	20.000	16.000	-4.000
8	271	71	25	21.000	19.000	-2.000
8	271	81	5	8.000	5.000	-3.000
8	271	81	14	7.000	5.000	-2.000
8	271	81	27	23.000	25.000	2.000
8	271	81	31	0.0	0.0	0.0
8	271	91	3	11.000	12.000	1.000
8	271	91	8	10.000	12.000	2.000
8	271	91	12	11.000	11.000	0.0
8	271	91	22	11.000	12.000	1.000
8	281	51	1	8.000	1.000	-7.000
8	281	61	5	7.000	2.000	-5.000
8	281	61	14	15.000	14.000	-1.000
8	281	61	19	17.000	17.000	0.0
8	281	61	22	22.000	21.000	-1.000
8	281	61	25	15.000	14.000	-1.000
8	281	61	31	10.000	7.000	-3.000
8	281	71	15	12.000	15.000	3.000
8	281	71	20	16.000	15.000	-1.000
8	281	71	27	20.000	19.000	-1.000
8	281	71	33	5.000	4.000	-1.000
8	281	81	17	10.000	11.000	1.000
8	281	81	31	13.000	13.000	0.0
8	281	91	19	13.000	11.000	-2.000
8	281	91	21	10.000	14.000	4.000
8	281	91	23	8.000	6.000	-2.000
8	281	91	31	18.000	16.000	-2.000
8	281	91	36	13.000	13.000	0.0
8	291	51	22	10.000	15.000	5.000
8	291	51	24	9.000	6.000	-3.000

TABLE 120. CONTINUED

STEPHENSON COUNTY INTSP INDEX

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	13.000	9.000	-4.000
8	291	61	21	10.000	8.000	-2.000
8	291	61	24	20.000	23.000	3.000
8	291	71	32	13.000	15.000	2.000
8	291	81	23	14.000	14.000	0.0
8	291	81	28	13.000	12.000	-1.000
8	291	81	31	14.000	16.000	2.000

TABLE 121. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY

COUNTY	TWP	RNG	SECTION	FIELD CROP 1939	1970	CHANGE
8	261	51	2	389.375	421.250	31.875
8	261	51	27	402.500	368.125	-34.375
8	261	61	6	505.000	503.125	-1.875
8	261	61	21	495.000	534.375	39.375
8	261	61	27	466.250	559.375	93.125
8	261	71	2	276.875	185.000	-91.875
8	261	71	4	483.750	533.750	50.000
8	261	71	12	554.375	475.000	-79.375
8	261	71	33	587.500	577.500	-10.000
8	261	81	2	554.375	526.875	-27.500
8	261	81	13	538.750	535.625	-3.125
8	261	81	20	338.750	303.750	-35.000
8	261	91	10	566.875	578.125	11.250
8	261	91	16	527.500	566.250	38.750
8	271	51	22	528.125	591.875	63.750
8	271	61	15	471.250	505.000	33.750
8	271	61	20	533.750	573.125	39.375
8	271	61	24	566.875	575.000	8.125
8	271	71	10	379.375	444.375	65.000
8	271	71	20	477.500	480.625	3.125
8	271	71	22	381.250	423.125	41.875
8	271	71	25	329.375	208.750	-120.625
8	271	81	5	539.375	548.750	9.375
8	271	81	14	536.250	558.125	21.875
8	271	81	27	328.125	366.875	38.750
8	271	81	31	7.500	0.0	-7.500
8	271	91	3	360.625	485.625	125.000
8	271	91	8	525.000	563.125	38.125
8	271	91	12	375.000	561.250	186.250
8	271	91	22	460.000	533.750	73.750
8	281	51	1	586.250	597.500	11.250
8	281	61	5	599.375	606.250	6.875
8	281	61	14	484.375	484.375	0.0
8	281	61	19	451.250	533.125	81.875
8	281	61	22	357.500	390.000	32.500
8	281	61	25	482.500	515.000	32.500
8	281	61	31	473.750	487.500	13.750
8	281	71	15	370.625	392.500	21.875
8	281	71	20	458.125	498.750	40.625
8	281	71	27	360.625	379.375	18.750
8	281	71	33	507.500	548.750	41.250
8	281	81	17	541.875	568.125	26.250
8	281	81	31	473.125	445.000	-28.125
8	281	91	19	537.500	566.875	29.375
8	281	91	21	520.000	524.375	4.375
8	281	91	23	507.500	507.500	0.0
8	281	91	31	461.250	464.375	3.125
8	281	91	36	498.125	539.375	41.250
8	291	51	22	314.375	434.375	120.000
8	291	51	24	554.375	594.375	40.000

TABLE 121. CONTINUED

STEPHENSON COUNTY FIELD CROP

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	506.875	505.000	-1.875
8	291	61	21	490.000	490.000	0.0
8	291	61	24	459.375	493.750	34.375
8	291	71	32	451.250	486.250	35.000
8	291	81	23	593.125	593.125	0.0
8	291	81	28	486.875	530.625	43.750
8	291	81	31	450.000	542.500	92.500

TABLE 122. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY PASTURE

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	220.625	167.500	-53.125
8	261	51	27	185.000	188.125	3.125
8	261	61	6	91.875	88.125	-3.750
8	261	61	21	115.625	69.375	-46.250
8	261	61	27	153.125	55.625	-97.500
8	261	71	2	86.250	109.375	23.125
8	261	71	4	120.000	71.875	-48.125
8	261	71	12	43.750	7.500	-36.250
8	261	71	30	25.000	23.125	-1.875
8	261	81	2	52.500	30.000	-22.500
8	261	81	13	78.750	81.875	3.125
8	261	81	20	140.625	119.375	-21.250
8	261	91	10	50.000	41.250	-8.750
8	261	91	16	62.500	16.250	-46.250
8	271	51	22	76.250	13.125	-63.125
8	271	61	15	123.750	80.625	-43.125
8	271	61	20	78.750	35.000	-43.750
8	271	61	24	29.375	20.000	-9.375
8	271	71	10	184.375	88.750	-95.625
8	271	71	20	109.375	85.000	-24.375
8	271	71	22	86.875	52.500	-34.375
8	271	71	25	140.625	126.250	-14.375
8	271	81	5	70.000	58.750	-11.250
8	271	81	14	65.625	56.250	-9.375
8	271	81	27	176.250	80.625	-95.625
8	271	81	31	0.0	0.0	0.0
8	271	91	3	241.250	128.125	-113.125
8	271	91	8	62.500	28.125	-34.375
8	271	91	12	222.500	16.875	-205.625
8	271	91	22	128.125	34.375	-93.750
8	281	51	1	22.125	12.500	-10.625
8	281	61	5	22.500	11.875	-10.625
8	281	61	14	115.625	113.750	-1.875
8	281	61	19	131.250	35.000	-96.250
8	281	61	22	245.000	196.875	-48.125
8	281	61	25	123.125	102.500	-20.625
8	281	61	31	123.125	120.000	-3.125
8	281	71	15	221.875	181.875	-40.000
8	281	71	20	101.875	51.875	-50.000
8	281	71	27	150.625	116.250	-34.375
8	281	71	33	75.625	6.875	-68.750
8	281	81	17	71.250	36.875	-34.375
8	281	81	31	85.625	61.250	-24.375
8	281	91	19	49.375	34.375	-15.000
8	281	91	21	23.750	15.000	-8.750
8	281	91	23	105.625	100.000	-5.625
8	281	91	31	101.250	107.500	6.250
8	281	91	36	78.750	50.000	-28.750
8	291	51	22	316.875	162.500	-154.375
8	291	51	24	55.625	21.875	-33.750

TABLE 122. CONTINUED

STEPHENSON COUNTY PASTURE

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	113.125	110.625	-2.500
8	291	61	21	128.125	139.375	11.250
8	291	61	24	107.500	53.750	-53.750
8	291	71	32	137.500	107.500	-30.000
8	291	81	23	14.375	15.000	0.625
8	291	81	28	120.625	75.000	-45.625
8	291	81	31	161.250	60.000	-101.250

TABLE 123. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY FOREST

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	8.125	15.625	7.500
8	261	51	27	33.750	63.750	30.000
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	56.875	76.875	20.000
8	261	71	4	0.0	0.0	0.0
8	261	71	12	12.500	25.000	12.500
8	261	71	30	0.0	0.0	0.0
8	261	81	2	1.250	0.625	-0.625
8	261	81	13	0.0	1.875	1.875
8	261	81	20	94.375	146.875	52.500
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	6.250	8.750	2.500
8	271	61	20	0.0	0.0	0.0
8	271	61	24	5.000	13.125	8.125
8	271	71	10	27.500	20.625	-6.875
8	271	71	20	13.750	26.250	12.500
8	271	71	22	77.500	69.375	-8.125
8	271	71	25	21.875	41.250	19.375
8	271	81	5	0.0	0.0	0.0
8	271	81	14	6.250	5.000	-1.250
8	271	81	27	51.250	53.125	1.875
8	271	81	31	0.0	0.0	0.0
8	271	91	3	8.125	4.375	-3.750
8	271	91	8	13.750	1.875	-11.875
8	271	91	12	11.250	10.625	-0.625
8	271	91	22	17.500	29.375	11.875
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	1.875	11.250	9.375
8	281	61	19	5.000	12.500	7.500
8	281	61	22	3.750	8.750	5.000
8	281	61	25	1.250	1.875	0.625
8	281	61	31	4.375	1.250	-3.125
8	281	71	15	6.250	13.125	6.875
8	281	71	20	14.375	9.375	-5.000
8	281	71	27	42.500	51.250	8.750
8	281	71	33	31.250	43.750	12.500
8	281	81	17	0.0	0.0	0.0
8	281	81	31	42.500	65.000	22.500
8	281	91	19	0.0	0.0	0.0
8	281	91	21	0.0	0.0	0.0
8	281	91	23	0.0	0.0	0.0
8	281	91	31	36.250	28.750	-7.500
8	281	91	36	18.125	16.250	-1.875
8	291	51	22	0.0	38.125	38.125
8	291	51	24	0.0	1.875	1.875

TABLE 123. CONTINUED

STEPHENSON COUNTY FOREST

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	14.375	17.500	3.125
8	291	71	32	8.750	6.250	-2.500
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 124. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	0.0	0.0
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	1.250	0.0	-1.250
8	261	71	4	0.0	0.0	0.0
8	261	71	12	0.0	0.0	0.0
8	261	71	30	0.0	0.0	0.0
8	261	81	2	0.0	0.0	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	0.0	0.0	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.625	0.0	-0.625
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.625	0.0	-0.625
8	271	71	10	0.625	0.0	-0.625
8	271	71	20	0.0	0.0	0.0
8	271	71	22	2.500	0.0	-2.500
8	271	71	25	0.0	0.0	0.0
8	271	81	5	0.625	0.0	-0.625
8	271	81	14	1.250	0.0	-1.250
8	271	81	27	2.500	0.0	-2.500
8	271	81	31	0.0	0.0	0.0
8	271	91	3	0.0	0.0	0.0
8	271	91	8	4.375	0.0	-4.375
8	271	91	12	0.0	0.0	0.0
8	271	91	22	0.0	0.0	0.0
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	0.0	0.0	0.0
8	281	61	22	0.0	0.0	0.0
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	0.0	0.0	0.0
8	281	71	20	3.750	0.0	-3.750
8	281	71	27	0.0	0.0	0.0
8	281	71	33	0.0	0.625	0.625
8	281	81	17	0.0	0.0	0.0
8	281	81	31	0.625	1.250	0.625
8	281	91	19	0.0	0.0	0.0
8	281	91	21	0.0	0.0	0.0
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 124. CONTINUED

STEPHENSON COUNTY ORCHARD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	0.0	0.0	0.0
8	291	71	32	1.250	0.0	-1.250
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 125. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY CLC FIELD

COUNTY	TWP	RNG	SECTION	1969	1970	CHANGE
8	261	51	2	0.0	1.875	1.875
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.625	4.375	3.750
8	261	61	27	0.0	5.625	5.625
8	261	71	2	30.625	27.500	-3.125
8	261	71	4	1.250	0.0	-1.250
8	261	71	12	1.250	55.000	53.750
8	261	71	30	0.0	0.625	0.625
8	261	81	2	0.0	0.0	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	10.000	12.500	2.500
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	0.0	3.750	3.750
8	271	61	20	0.0	0.0	0.0
8	271	61	24	7.500	1.875	-5.625
8	271	71	10	3.125	43.750	40.625
8	271	71	20	0.0	0.625	0.625
8	271	71	22	16.875	34.375	17.500
8	271	71	25	24.375	15.000	-9.375
8	271	81	5	0.0	0.0	0.0
8	271	81	14	2.500	1.250	-1.250
8	271	81	27	7.500	70.000	62.500
8	271	81	31	4.375	6.250	1.875
8	271	91	3	0.625	0.0	-0.625
8	271	91	8	1.250	0.0	-1.250
8	271	91	12	0.0	13.125	13.125
8	271	91	22	0.0	10.625	10.625
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.625	0.0	-0.625
8	281	61	14	0.0	0.0	0.0
8	281	61	19	5.625	7.500	1.875
8	281	61	22	1.250	10.000	8.750
8	281	61	25	0.625	0.0	-0.625
8	281	61	31	1.250	5.000	3.750
8	281	71	15	1.250	4.375	3.125
8	281	71	20	0.0	30.625	30.625
8	281	71	27	13.125	33.125	20.000
8	281	71	33	1.250	8.125	6.875
8	281	81	17	0.625	0.0	-0.625
8	281	81	31	5.625	18.125	12.500
8	281	91	19	1.250	1.250	0.0
8	281	91	21	6.250	2.500	-3.750
8	281	91	23	0.625	0.0	-0.625
8	281	91	31	0.625	6.875	6.250
8	281	91	36	16.875	0.0	-16.875
8	291	51	22	0.0	1.250	1.250
8	291	51	24	3.750	0.625	-3.125

TABLE 125. CONTINUED

STEPHENSON COUNTY OLD FIELD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	1.250	0.625	-0.625
8	291	61	21	0.0	0.0	0.0
8	291	61	24	11.250	5.000	-6.250
8	291	71	32	0.0	0.0	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.625	4.375	3.750

TABLE 126. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	3.750	2.500	-1.250
8	261	51	27	5.625	5.625	0.0
8	261	61	6	5.000	4.375	-0.625
8	261	61	21	2.500	6.250	3.750
8	261	61	27	4.375	5.000	0.625
8	261	71	2	16.250	8.125	-8.125
8	261	71	4	11.250	1.250	-10.000
8	261	71	12	5.000	14.375	9.375
8	261	71	30	2.500	1.250	-1.250
8	261	81	2	2.500	0.625	-1.875
8	261	81	13	4.375	0.0	-4.375
8	261	81	20	3.750	4.375	0.625
8	261	91	10	8.125	1.250	-6.875
8	261	91	16	7.500	6.250	-1.250
8	271	51	22	5.000	0.625	-4.375
8	271	61	15	6.875	10.625	3.750
8	271	61	20	5.000	8.125	3.125
8	271	61	24	6.875	7.500	0.625
8	271	71	10	20.000	9.375	-10.625
8	271	71	20	5.000	8.125	3.125
8	271	71	22	25.625	16.250	-9.375
8	271	71	25	20.000	21.875	1.875
8	271	81	5	7.500	6.875	-0.625
8	271	81	14	11.250	1.250	-10.000
8	271	81	27	13.750	10.625	-3.125
8	271	81	31	5.625	2.500	-3.125
8	271	91	3	14.375	4.375	-10.000
8	271	91	8	5.000	5.000	0.0
8	271	91	12	6.250	11.250	5.000
8	271	91	22	10.625	6.875	-3.750
8	281	51	1	4.375	1.875	-2.500
8	281	61	5	5.625	5.625	0.0
8	281	61	14	15.000	12.500	-2.500
8	281	61	19	4.375	7.500	3.125
8	281	61	22	11.250	10.000	-1.250
8	281	61	25	8.125	3.125	-5.000
8	281	61	31	6.250	3.125	-3.125
8	281	71	15	3.750	13.125	9.375
8	281	71	20	21.250	16.250	-5.000
8	281	71	27	19.375	8.125	-11.250
8	281	71	33	2.500	1.250	-1.250
8	281	81	17	4.375	4.375	0.0
8	281	81	31	10.625	8.750	-1.875
8	281	91	19	11.250	13.750	2.500
8	281	91	21	9.375	7.500	-1.875
8	281	91	23	5.625	6.250	0.625
8	281	91	31	11.250	8.125	-3.125
8	281	91	36	8.125	2.500	-5.625
8	291	51	22	5.000	1.250	-3.750
8	291	51	24	1.875	0.625	-1.250

TABLE 126. CONTINUED

STEPHENSON COUNTY HEDGEROW

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	3.125	0.625	-2.500
8	291	61	21	10.000	1.875	-8.125
8	291	61	24	12.500	27.500	15.000
8	291	71	32	9.375	8.125	-1.250
8	291	81	23	5.000	5.000	0.0
8	291	81	28	3.750	1.875	-1.875
8	291	81	31	10.000	7.500	-2.500

TABLE 127. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY WETLAND

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	0.0	0.0
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	0.0	0.0	0.0
8	261	71	4	0.0	0.0	0.0
8	261	71	12	0.0	0.0	0.0
8	261	71	30	0.0	0.0	0.0
8	261	81	2	0.0	0.0	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	0.0	0.0	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.0	0.0	0.0
8	271	71	10	0.0	0.0	0.0
8	271	71	20	0.0	0.0	0.0
8	271	71	22	0.0	0.0	0.0
8	271	71	25	0.0	0.0	0.0
8	271	81	5	0.0	0.0	0.0
8	271	81	14	0.0	0.0	0.0
8	271	81	27	0.0	0.0	0.0
8	271	81	31	0.0	0.0	0.0
8	271	91	3	0.0	0.0	0.0
8	271	91	8	0.0	0.0	0.0
8	271	91	12	0.0	0.0	0.0
8	271	91	22	0.0	0.0	0.0
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	0.0	0.0	0.0
8	281	61	22	0.0	0.0	0.0
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	0.0	0.625	0.625
8	281	71	20	0.0	0.0	0.0
8	281	71	27	0.0	0.0	0.0
8	281	71	33	0.0	0.0	0.0
8	281	81	17	0.0	0.0	0.0
8	281	81	31	0.0	0.0	0.0
8	281	91	19	0.0	0.0	0.0
8	281	91	21	0.0	0.0	0.0
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 127. CONTINUED

STEPHENSON COUNTY WETLAND

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	0.0	0.0	0.0
8	291	71	32	0.0	0.0	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 128. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY BUILDINGS

COUNTY	TWP	RNG	SECTION	1969	1970	CHANGE
8	261	51	2	8.750	9.375	0.625
8	261	51	27	3.125	3.750	0.625
8	261	61	6	11.250	10.000	-1.250
8	261	61	21	10.000	10.000	0.0
8	261	61	27	7.500	6.250	-1.250
8	261	71	2	8.125	18.750	10.625
8	261	71	4	11.875	20.000	8.125
8	261	71	12	4.375	30.000	25.625
8	261	71	30	12.500	11.875	-0.625
8	261	81	2	15.625	9.375	-6.250
8	261	81	13	6.875	10.625	3.750
8	261	81	20	11.250	10.000	-1.250
8	261	91	10	7.500	8.125	0.625
8	261	91	16	15.625	13.750	-1.875
8	271	51	22	11.250	13.750	2.500
8	271	61	15	13.125	10.625	-2.500
8	271	61	20	6.250	8.125	1.875
8	271	61	24	11.875	11.875	0.0
8	271	71	10	6.250	8.125	1.875
8	271	71	20	9.375	11.250	1.875
8	271	71	22	5.000	7.500	2.500
8	271	71	25	3.750	3.750	0.0
8	271	81	5	8.750	10.625	1.875
8	271	81	14	6.875	7.500	0.625
8	271	81	27	18.125	20.625	2.500
8	271	81	31	4.375	0.0	-4.375
8	271	91	3	6.875	3.750	-3.125
8	271	91	8	11.875	15.625	3.750
8	271	91	12	8.750	9.375	0.625
8	271	91	22	7.500	5.000	-2.500
8	281	51	1	12.500	14.375	1.875
8	281	61	5	4.375	6.250	1.875
8	281	61	14	7.500	7.500	0.0
8	281	61	19	8.750	10.000	1.250
8	281	61	22	8.125	5.625	-2.500
8	281	61	25	14.375	8.125	-6.250
8	281	61	31	10.625	5.000	-5.625
8	281	71	15	11.250	6.250	-5.000
8	281	71	20	7.500	8.125	0.625
8	281	71	27	10.625	11.250	0.625
8	281	71	33	6.250	11.250	5.000
8	281	81	17	6.875	9.375	2.500
8	281	81	31	6.875	17.500	10.625
8	281	91	19	9.375	6.250	-3.125
8	281	91	21	8.750	7.500	-1.250
8	281	91	23	6.250	8.750	2.500
8	281	91	31	8.750	7.500	-1.250
8	281	91	36	9.375	13.750	4.375
8	291	51	22	0.0	0.0	0.0
8	291	51	24	15.000	12.500	-2.500

TABLE 128. CONTINUED

STEPHENSON COUNTY BUILDINGS

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	6.875	10.625	3.750
8	291	61	21	3.750	5.000	1.250
8	291	61	24	10.625	10.625	0.0
8	291	71	32	13.750	10.000	-3.750
8	291	81	23	9.375	8.125	-1.250
8	291	81	28	11.250	11.250	0.0
8	291	81	31	8.125	11.250	3.125

TABLE 129. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY ROADS

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	6.250	6.250	0.0
8	261	51	27	5.625	3.750	-1.875
8	261	61	6	7.500	6.875	-0.625
8	261	61	21	5.625	4.375	-1.250
8	261	61	27	3.750	1.875	-1.875
8	261	71	2	9.375	13.125	3.750
8	261	71	4	6.875	4.375	-2.500
8	261	71	12	6.250	9.375	3.125
8	261	71	30	3.125	5.625	2.500
8	261	81	2	3.125	10.000	6.875
8	261	81	13	5.000	2.500	-2.500
8	261	81	20	11.875	11.250	-0.625
8	261	91	10	2.500	5.625	3.125
8	261	91	16	6.875	6.875	0.0
8	271	51	22	4.375	0.625	-3.750
8	271	61	15	5.000	5.625	0.625
8	271	61	20	4.375	3.125	-1.250
8	271	61	24	3.750	5.625	1.875
8	271	71	10	3.125	3.125	0.0
8	271	71	20	4.375	6.250	1.875
8	271	71	22	6.875	7.500	0.625
8	271	71	25	6.250	11.250	5.000
8	271	81	5	7.500	5.000	-2.500
8	271	81	14	1.250	3.125	1.875
8	271	81	27	6.875	10.000	3.125
8	271	81	31	86.250	79.375	-6.875
8	271	91	3	3.125	5.000	1.875
8	271	91	8	8.750	7.500	-1.250
8	271	91	12	10.000	8.750	-1.250
8	271	91	22	5.000	3.750	-1.250
8	281	51	1	5.625	6.875	1.250
8	281	61	5	2.500	1.875	-0.625
8	281	61	14	5.625	3.125	-2.500
8	281	61	19	13.750	11.875	-1.875
8	281	61	22	5.625	6.875	1.250
8	281	61	25	3.125	4.375	1.250
8	281	61	31	7.500	8.125	0.625
8	281	71	15	4.375	6.875	2.500
8	281	71	20	1.875	4.375	2.500
8	281	71	27	6.250	6.250	0.0
8	281	71	33	8.125	6.875	-1.250
8	281	81	17	6.875	6.875	0.0
8	281	81	31	2.500	6.875	4.375
8	281	91	19	5.625	6.250	0.625
8	281	91	21	12.500	13.125	0.625
8	281	91	23	5.625	5.625	0.0
8	281	91	31	9.375	10.000	0.625
8	281	91	36	5.000	8.750	3.750
8	291	51	22	0.0	1.250	1.250
8	291	51	24	1.875	2.500	0.625

TABLE 129. CONTINUED

STEPHENSON COUNTY ROADS

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	3.125	2.500	-0.625
8	291	61	21	2.500	1.250	-1.250
8	291	61	24	10.000	5.000	-5.000
8	291	71	32	8.750	8.750	0.0
8	291	81	23	9.375	6.875	-2.500
8	291	81	28	11.250	10.000	-1.250
8	291	81	31	1.875	5.000	3.125

TABLE 13C. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY RAILROAD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	0.0	0.0
8	261	51	27	0.0	0.0	0.0
8	261	61	6	5.000	3.750	-1.250
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	0.0	0.0	0.0
8	261	71	4	0.0	0.0	0.0
8	261	71	12	0.0	0.0	0.0
8	261	71	30	0.0	0.0	0.0
8	261	81	2	0.0	0.0	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	4.375	4.375	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	3.125	3.750	0.625
8	271	51	22	1.875	1.875	0.0
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.0	0.0	0.0
8	271	71	10	0.625	0.625	0.0
8	271	71	20	2.500	1.875	-0.625
8	271	71	22	2.500	1.250	-1.250
8	271	71	25	1.250	1.250	0.0
8	271	81	5	0.0	0.0	0.0
8	271	81	14	0.0	0.0	0.0
8	271	81	27	4.375	1.250	-3.125
8	271	81	31	1.250	1.875	0.625
8	271	91	3	0.0	0.0	0.0
8	271	91	8	0.0	0.0	0.0
8	271	91	12	0.0	0.0	0.0
8	271	91	22	0.0	0.0	0.0
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	2.500	2.500	0.0
8	281	61	22	0.0	0.0	0.0
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	3.125	2.500	-0.625
8	281	71	20	3.125	0.0	-3.125
8	281	71	27	4.375	0.625	-3.750
8	281	71	33	0.0	0.0	0.0
8	281	81	17	0.0	0.0	0.0
8	281	81	31	0.0	0.0	0.0
8	281	91	19	5.000	3.125	-1.875
8	281	91	21	4.375	3.125	-1.250
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 13C. CONTINUED

STEPHENSON COUNTY RAILROAD

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	0.0	0.0	0.0
8	291	71	32	0.0	0.0	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 131. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY WATER

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	0.0	0.0
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	6.250	6.250	0.0
8	261	71	4	0.0	0.0	0.0
8	261	71	12	2.500	1.875	-0.625
8	261	71	30	0.0	0.0	0.0
8	261	81	2	1.250	1.250	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	0.0	0.0	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.0	0.0	0.0
8	271	71	10	10.000	10.625	0.625
8	271	71	20	0.0	0.0	0.0
8	271	71	22	16.875	14.375	-2.500
8	271	71	25	13.750	15.625	1.875
8	271	81	5	0.0	0.0	0.0
8	271	81	14	0.0	0.0	0.0
8	271	81	27	12.500	13.125	0.625
8	271	81	31	5.000	3.125	-1.875
8	271	91	3	0.0	0.0	0.0
8	271	91	8	0.0	0.0	0.0
8	271	91	12	0.0	0.0	0.0
8	271	91	22	6.250	9.375	3.125
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	0.0	0.0	0.0
8	281	61	22	0.0	0.0	0.0
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	0.0	1.250	1.250
8	281	71	20	16.875	13.125	-3.750
8	281	71	27	0.0	0.0	0.0
8	281	71	33	0.0	0.0	0.0
8	281	81	17	0.0	0.0	0.0
8	281	81	31	4.375	3.125	-1.250
8	281	91	19	0.0	0.0	0.0
8	281	91	21	0.0	0.0	0.0
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 131. CONTINUED

STEPHENSON COUNTY WATER

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	1.250	0.625	-0.625
8	291	61	21	0.0	0.0	0.0
8	291	61	24	12.500	9.375	-3.125
8	291	71	32	0.0	0.0	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 132. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY — RIGHT-OF-WAY

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	3.125	11.250	8.125
8	261	51	27	4.375	6.875	2.500
8	261	61	6	14.375	23.750	9.375
8	261	61	21	10.625	11.250	0.625
8	261	61	27	5.000	6.250	1.250
8	261	71	2	5.625	8.750	3.125
8	261	71	4	5.000	8.750	3.750
8	261	71	12	10.000	11.250	1.250
8	261	71	30	9.375	20.000	10.625
8	261	81	2	9.375	28.125	18.750
8	261	81	13	6.250	7.500	1.250
8	261	81	20	25.000	27.500	2.500
8	261	91	10	5.000	5.625	0.625
8	261	91	16	16.875	26.875	10.000
8	271	51	22	12.500	18.125	5.625
8	271	61	15	13.750	15.000	1.250
8	271	61	20	11.875	12.500	0.625
8	271	61	24	8.125	5.000	-3.125
8	271	71	10	5.000	10.625	5.625
8	271	71	20	18.125	20.000	1.875
8	271	71	22	18.125	13.750	-4.375
8	271	71	25	11.250	12.500	1.250
8	271	81	5	6.250	10.000	3.750
8	271	81	14	8.750	7.500	-1.250
8	271	81	27	18.750	13.750	-5.000
8	271	81	31	2.500	1.250	-1.250
8	271	91	3	5.000	8.750	3.750
8	271	91	8	7.500	18.750	11.250
8	271	91	12	6.250	8.750	2.500
8	271	91	22	5.000	6.875	1.875
8	281	51	1	8.125	6.875	-1.250
8	281	61	5	5.000	8.125	3.125
8	281	61	14	10.000	7.500	-2.500
8	281	61	19	17.500	20.000	2.500
8	281	61	22	7.500	8.750	1.250
8	281	61	25	6.875	5.000	-1.875
8	281	61	31	13.125	10.000	-3.125
8	281	71	15	11.250	11.875	0.625
8	281	71	20	11.250	7.500	-3.750
8	281	71	27	12.500	14.375	1.875
8	281	71	33	7.500	12.500	5.000
8	281	81	17	8.125	14.375	6.250
8	281	81	31	8.125	11.250	3.125
8	281	91	19	20.625	8.125	-12.500
8	281	91	21	23.750	24.375	0.625
8	281	91	23	8.750	11.875	3.125
8	281	91	31	11.250	6.875	-4.375
8	281	91	36	5.625	9.375	3.750
8	291	51	22	3.750	1.250	-2.500
8	291	51	24	7.500	5.625	-1.875

TABLE 132. CONTINUED

STEPHENSON COUNTY RIGHT-OF-WAY

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	4.375	9.375	5.000
8	291	61	21	5.625	2.500	-3.125
8	291	61	24	1.875	17.500	15.625
8	291	71	32	8.750	12.500	3.750
8	291	81	23	8.750	11.875	3.125
8	291	81	28	6.250	11.250	5.000
8	291	81	31	8.125	9.375	1.250

TABLE 133. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	0.0	0.0
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	0.0	9.375	9.375
8	261	71	4	0.0	0.0	0.0
8	261	71	12	0.0	0.0	0.0
8	261	71	30	0.0	0.0	0.0
8	261	81	2	0.0	0.0	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	0.0	0.0	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.0	0.0	0.0
8	271	71	10	0.0	0.0	0.0
8	271	71	20	0.0	0.0	0.0
8	271	71	22	0.0	0.0	0.0
8	271	71	25	49.375	138.750	89.375
8	271	81	5	0.0	0.0	0.0
8	271	81	14	0.0	0.0	0.0
8	271	81	27	0.0	0.0	0.0
8	271	81	31	523.125	545.625	22.500
8	271	91	3	0.0	0.0	0.0
8	271	91	8	0.0	0.0	0.0
8	271	91	12	0.0	0.0	0.0
8	271	91	22	0.0	0.0	0.0
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	0.0	0.0	0.0
8	281	61	22	0.0	0.0	0.0
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	6.250	5.625	-0.625
8	281	71	20	0.0	0.0	0.0
8	281	71	27	20.000	19.375	-0.625
8	281	71	33	0.0	0.0	0.0
8	281	81	17	0.0	0.0	0.0
8	281	81	31	0.0	1.875	1.875
8	281	91	19	0.0	0.0	0.0
8	281	91	21	31.250	42.500	11.250
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 133. CONTINUED

STEPHENSON COUNTY URBAN

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	0.0	0.0	0.0
8	291	71	32	0.0	0.0	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 134. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	4.375	4.375
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	142.500	176.875	34.375
8	261	71	4	0.0	0.0	0.0
8	261	71	12	0.0	10.625	10.625
8	261	71	30	0.0	0.0	0.0
8	261	81	2	0.0	33.125	33.125
8	261	81	13	0.0	0.0	0.0
8	261	81	20	0.0	0.0	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.0	0.0	0.0
8	271	71	10	0.0	0.0	0.0
8	271	71	20	0.0	0.0	0.0
8	271	71	22	0.0	0.0	0.0
8	271	71	25	18.125	43.750	25.625
8	271	81	5	0.0	0.0	0.0
8	271	81	14	0.0	0.0	0.0
8	271	81	27	0.0	0.0	0.0
8	271	81	31	0.0	0.0	0.0
8	271	91	3	0.0	0.0	0.0
8	271	91	8	0.0	0.0	0.0
8	271	91	12	0.0	0.0	0.0
8	271	91	22	0.0	0.0	0.0
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	0.0	0.0	0.0
8	281	61	22	0.0	3.125	3.125
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	0.0	0.0	0.0
8	281	71	20	0.0	0.0	0.0
8	281	71	27	0.0	0.0	0.0
8	281	71	33	0.0	0.0	0.0
8	281	81	17	0.0	0.0	0.0
8	281	81	31	0.0	0.0	0.0
8	281	91	19	0.0	0.0	0.0
8	281	91	21	0.0	0.0	0.0
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 134. CONTINUED

STEPHENSON COUNTY OTHER

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	0.0	0.0	0.0
8	291	71	32	0.625	0.625	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 135. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY STRIPMINED

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	0.0	0.0	0.0
8	261	51	27	0.0	0.0	0.0
8	261	61	6	0.0	0.0	0.0
8	261	61	21	0.0	0.0	0.0
8	261	61	27	0.0	0.0	0.0
8	261	71	2	0.0	0.0	0.0
8	261	71	4	0.0	0.0	0.0
8	261	71	12	0.0	0.0	0.0
8	261	71	30	0.0	0.0	0.0
8	261	81	2	0.0	0.0	0.0
8	261	81	13	0.0	0.0	0.0
8	261	81	20	0.0	0.0	0.0
8	261	91	10	0.0	0.0	0.0
8	261	91	16	0.0	0.0	0.0
8	271	51	22	0.0	0.0	0.0
8	271	61	15	0.0	0.0	0.0
8	271	61	20	0.0	0.0	0.0
8	271	61	24	0.0	0.0	0.0
8	271	71	10	0.0	0.0	0.0
8	271	71	20	0.0	0.0	0.0
8	271	71	22	0.0	0.0	0.0
8	271	71	25	0.0	0.0	0.0
8	271	81	5	0.0	0.0	0.0
8	271	81	14	0.0	0.0	0.0
8	271	81	27	0.0	0.0	0.0
8	271	81	31	0.0	0.0	0.0
8	271	91	3	0.0	0.0	0.0
8	271	91	8	0.0	0.0	0.0
8	271	91	12	0.0	0.0	0.0
8	271	91	22	0.0	0.0	0.0
8	281	51	1	0.0	0.0	0.0
8	281	61	5	0.0	0.0	0.0
8	281	61	14	0.0	0.0	0.0
8	281	61	19	0.0	0.0	0.0
8	281	61	22	0.0	0.0	0.0
8	281	61	25	0.0	0.0	0.0
8	281	61	31	0.0	0.0	0.0
8	281	71	15	0.0	0.0	0.0
8	281	71	20	0.0	0.0	0.0
8	281	71	27	0.0	0.0	0.0
8	281	71	33	0.0	0.0	0.0
8	281	81	17	0.0	0.0	0.0
8	281	81	31	0.0	0.0	0.0
8	281	91	19	0.0	0.0	0.0
8	281	91	21	0.0	0.0	0.0
8	281	91	23	0.0	0.0	0.0
8	281	91	31	0.0	0.0	0.0
8	281	91	36	0.0	0.0	0.0
8	291	51	22	0.0	0.0	0.0
8	291	51	24	0.0	0.0	0.0

TABLE 135. CONTINUED

STEPHENSON COUNTY STRIPMINED

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	291	51	34	0.0	0.0	0.0
8	291	61	21	0.0	0.0	0.0
8	291	61	24	0.0	0.0	0.0
8	291	71	32	0.0	0.0	0.0
8	291	81	23	0.0	0.0	0.0
8	291	81	28	0.0	0.0	0.0
8	291	81	31	0.0	0.0	0.0

TABLE 136. SAMPLE SECTIONS AND LAND USE DATA

STEPHENSON COUNTY NON-HABITAT

COUNTY	TWP	RNG	SECTION	1939	1970	CHANGE
8	261	51	2	15.000	20.000	5.000
8	261	51	27	8.750	7.500	-1.250
8	261	61	6	23.750	20.625	-3.125
8	261	61	21	15.625	14.375	-1.250
8	261	61	27	11.250	8.125	-3.125
8	261	71	2	160.000	218.125	58.125
8	261	71	4	18.750	24.375	5.625
8	261	71	12	10.625	50.000	39.375
8	261	71	30	15.625	17.500	1.875
8	261	81	2	18.750	52.500	33.750
8	261	81	13	11.875	13.125	1.250
8	261	81	20	27.500	25.625	-1.875
8	261	91	10	10.000	13.750	3.750
8	261	91	16	25.625	24.375	-1.250
8	271	51	22	17.500	16.250	-1.250
8	271	61	15	18.125	16.250	-1.875
8	271	61	20	10.625	11.250	0.625
8	271	61	24	15.625	17.500	1.875
8	271	71	10	10.000	11.875	1.875
8	271	71	20	16.250	19.375	3.125
8	271	71	22	14.375	16.250	1.875
8	271	71	25	78.750	198.750	120.000
8	271	81	5	16.250	15.625	-0.625
8	271	81	14	8.125	10.625	2.500
8	271	81	27	29.375	31.875	2.500
8	271	81	31	615.000	626.875	11.875
8	271	91	3	10.000	8.750	-1.250
8	271	91	8	20.625	23.125	2.500
8	271	91	12	18.750	18.125	-0.625
8	271	91	22	12.500	8.750	-3.750
8	281	51	1	18.125	21.250	3.125
8	281	61	5	6.875	8.125	1.250
8	281	61	14	13.125	10.625	-2.500
8	281	61	19	25.000	24.375	-0.625
8	281	61	22	13.750	15.625	1.875
8	281	61	25	17.500	12.500	-5.000
8	281	61	31	18.125	13.125	-5.000
8	281	71	15	25.000	21.250	-3.750
8	281	71	20	12.500	12.500	0.0
8	281	71	27	41.250	37.500	-3.750
8	281	71	33	14.375	18.125	3.750
8	281	81	17	13.750	16.250	2.500
8	281	81	31	9.375	26.250	16.875
8	281	91	19	20.000	15.625	-4.375
8	281	91	21	56.875	66.250	9.375
8	281	91	23	11.875	14.375	2.500
8	281	91	31	18.125	17.500	-0.625
8	281	91	36	14.375	22.500	8.125
8	291	51	22	0.0	1.250	1.250
8	291	51	24	16.875	15.000	-1.875

TABLE 136. CONTINUED

STEPHENSON COUNTY NON-HABITAT

COUNTY	TWP	RNG	SECTION	1969	1970	CHANGE
8	291	51	34	10.000	13.125	3.125
8	291	61	21	6.250	6.250	0.0
8	291	61	24	20.625	15.625	-5.000
8	291	71	32	23.125	19.375	-3.750
8	291	81	23	18.750	15.000	-3.750
8	291	81	28	22.500	21.250	-1.250
8	291	81	31	10.000	16.250	6.250

APPENDIX B

CROP REPORTING SERVICE DATA

FOR INDIVIDUAL COUNTIES

TABLE 1

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TABLE 1. SUMMARY OF FARM ACREAGE IN DUPAGE COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	429	38	33	194	54	****	374	****	0
1939	1875	1577	415	63	311	206	50	****	394	123	0
1940	1621	1535	419	73	296	240	46	****	367	99	0
1941	1497	1499	429	107	307	212	44	****	347	166	0
1942	1528	1540	443	115	283	197	89	****	313	168	0
1943	1616	1540	468	92	292	206	55	****	334	189	0
1944	1520	1469	497	89	303	194	29	****	281	176	0
1945	1547	1451	473	87	323	204	48	****	328	178	0
1946	1475	1436	470	97	323	209	40	****	327	165	0
1947	1446	1393	436	87	326	201	23	****	308	152	0
1948	1432	1392	442	74	342	183	27	****	325	119	0
1949	1435	1319	394	79	313	166	36	****	295	116	0
1950	1681	1431	400	111	330	193	29	****	322	80	0
1951	1525	1322	411	106	331	191	56	59	204	68	0
1952	1492	1310	424	93	331	206	22	97	178	72	0
1953	1450	1289	458	112	318	186	58	62	178	59	0
1954	****	****	410	124	258	163	38	123	189	****	0
1955	1380	1286	403	155	230	147	46	88	152	68	0
1956	1192	1239	372	177	217	135	39	84	152	70	0
1957	1177	1190	348	178	200	127	30	63	161	56	0
1958	983	1089	341	193	178	100	24	75	157	10	0
1959	1111	1053	366	185	167	88	24	68	140	8	0
1960	1016	1046	348	196	138	78	28	45	143	8	0
1961	948	999	290	212	132	75	25	61	156	8	53
1962	939	963	276	216	114	74	16	31	186	4	77
1963	891	924	306	204	121	66	14	39	159	5	44
1964	882	919	324	193	114	57	11	33	178	2	48
1965	804	899	321	190	86	52	9	31	167	1	50
1966	776	870	298	195	76	41	13	26	151	1	52
1967	659	813	286	176	73	36	9	21	151	2	33
1968	614	767	255	177	63	27	6	26	104	2	70
1969	445	670	219	163	46	29	7	14	90	1	67
1970	370	580	198	162	42	21	11	12	88	0	58
1971	338	547	192	163	44	31	3	23	70	0	44

* ILLINOIS COOPERATIVE CROP REPORTING SERVICE. 1938-1971. ILLINOIS AGRICULTURAL STATISTICS, ASSESSORS ANNUAL FARM CENSUS. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

-----. 1951. ILLINOIS AGRICULTURAL STATISTICS. CIRCULAR 446, COUNTY ESTIMATES TWENTY YEARS ENDING JAN. 1, 1945. ILLINOIS DEPT. AGRIC., U. S. DEPT AGRIC. 305PP.

-----. 1966-1672. ILLINOIS AGRICULTURAL STATISTICS, ANNUAL SUMMARY. BULL. 66-1 - 72-1. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

-----. 1968. ILLINOIS AGRICULTURAL STATISTICS, FIELD CROPS BY COUNTY, TWENTY-ONE YEARS, 1945-1965. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC. 155PP.

ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1972. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. U. S. DEPT. AGRIC.

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 2. SUMMARY OF FARM ACREAGE IN GRUNDY COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	1084	109	556	105	113	****	442	****	0
1939	1329	2496	984	151	515	114	124	****	470	17	0
1940	1314	2500	978	160	515	137	130	****	464	11	0
1941	1316	2490	954	199	534	122	127	****	422	30	0
1942	1285	2462	961	283	495	97	129	****	392	39	0
1943	1265	2462	1016	294	474	117	139	****	359	14	0
1944	1248	2482	1063	310	448	134	102	****	377	31	0
1945	1261	2470	1067	295	476	123	101	****	390	51	0
1946	1229	2449	1062	282	488	141	90	****	399	30	0
1947	1234	2464	1026	289	471	131	77	****	423	28	0
1948	1255	2494	1060	277	513	103	121	****	399	19	0
1949	1247	2438	1059	248	532	130	115	****	375	17	0
1950	1227	2433	916	323	508	155	79	****	425	11	0
1951	1225	2427	981	275	507	161	104	142	251	10	0
1952	1237	2422	977	259	503	187	126	162	188	9	0
1953	1205	2432	1028	272	482	183	117	190	174	14	0
1954	****	****	980	304	460	201	105	220	150	****	0
1955	1164	2387	966	348	433	171	136	204	153	10	0
1956	1148	2421	889	393	432	178	148	172	196	9	0
1957	1104	2422	873	391	404	188	134	162	271	5	0
1958	1080	2431	912	449	369	166	123	170	228	1	0
1959	1055	2440	1068	385	354	151	108	156	189	0	0
1960	993	2418	1108	417	295	152	80	160	187	0	0
1961	941	2398	869	525	206	160	93	142	392	0	238
1962	908	2389	850	521	202	162	87	173	389	1	280
1963	882	2382	943	503	200	151	81	144	367	0	188
1964	859	2397	895	537	180	128	87	124	391	0	273
1965	817	2315	969	622	89	104	64	127	364	0	244
1966	804	2317	972	659	97	73	32	127	341	0	208
1967	785	2311	1038	681	64	62	36	111	300	0	118
1968	765	2300	932	709	62	49	38	97	389	0	256
1969	735	2287	886	731	61	44	16	112	436	1	310
1970	719	2291	893	732	44	40	13	91	455	0	286
1971	673	2272	929	710	35	32	11	96	380	0	198

* ILLINOIS COOPERATIVE CROP REPORTING SERVICE. 1938-1971. ILLINOIS AGRICULTURAL STATISTICS, ASSESSORS ANNUAL FARM CENSUS. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

-----. 1951. ILLINOIS AGRICULTURAL STATISTICS. CIRCULAR 446, COUNTY ESTIMATES TWENTY YEARS ENDING JAN. 1, 1945. ILLINOIS DEPT. AGRIC., U. S. DEPT AGRIC. 305PP.

-----. 1966-1972. ILLINOIS AGRICULTURAL STATISTICS, ANNUAL SUMMARY. BULL. 66-1 - 72-1. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

-----. 1968. ILLINOIS AGRICULTURAL STATISTICS, FIELD CROPS BY COUNTY, TWENTY-ONE YEARS, 1945-1965. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC. 155PP.

ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1972. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. U. S. DEPT. AGRIC.

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 3. SUMMARY OF FARM ACREAGE IN HENRY COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	1787	61	965	427	556	****	968	****	0
1939	3050	4982	1669	115	911	484	593	****	1092	166	0
1940	3020	4975	1629	137	867	569	593	****	1105	194	0
1941	3009	5024	1674	175	910	465	576	****	1133	197	0
1942	3005	4993	1696	320	835	478	555	****	1070	201	0
1943	2958	4990	1858	205	821	468	527	****	1029	191	0
1944	2916	5021	1968	225	817	487	446	****	1073	205	0
1945	2949	4999	1914	194	875	487	479	****	1015	233	0
1946	2948	4989	1892	201	893	476	464	****	1047	207	0
1947	2915	5016	1891	229	870	449	428	****	1115	194	0
1948	2901	4993	1970	193	966	385	404	****	1045	160	0
1949	2926	4999	1963	156	1007	475	398	****	1030	154	0
1950	2882	4982	1793	196	982	547	361	****	1089	123	0
1951	2848	4948	1825	161	925	533	415	415	628	99	0
1952	2823	4930	1874	151	935	521	455	437	549	83	0
1953	2837	4968	1938	157	940	532	537	480	374	80	0
1954	****	****	1900	181	954	595	455	607	319	****	0
1955	2792	4980	1893	178	935	573	426	670	277	83	0
1956	2744	4950	1869	210	931	559	433	588	321	67	0
1957	2723	4917	1950	200	884	548	496	501	341	85	0
1958	2672	4927	2006	194	880	572	454	558	302	9	0
1959	2647	4968	2195	148	842	551	434	496	336	7	0
1960	2584	4950	2244	167	761	546	373	509	324	12	0
1961	2490	4923	2063	228	751	511	373	395	555	7	219
1962	2452	4855	2032	246	698	505	365	395	654	8	283
1963	2406	4892	2086	260	665	483	332	405	629	40	242
1964	2353	4847	2130	291	621	474	301	384	665	10	292
1965	2333	4863	2187	375	538	451	315	453	579	3	312
1966	2267	4904	2272	366	527	399	252	388	587	5	255
1967	2190	4804	2446	392	483	375	251	376	529	3	151
1968	2215	4861	2254	479	485	332	228	444	599	7	342
1969	2161	4833	2249	528	488	334	211	416	714	3	394
1970	2116	4950	2223	587	455	331	197	413	790	4	361
1971	2080	5001	2199	652	365	277	172	473	745	7	396

* ILLINOIS COOPERATIVE CROP REPORTING SERVICE. 1938-1971. ILLINOIS AGRICULTURAL STATISTICS, ASSESSORS ANNUAL FARM CENSUS. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

-----. 1951. ILLINOIS AGRICULTURAL STATISTICS. CIRCULAR 446, COUNTY ESTIMATES TWENTY YEARS ENDING JAN. 1, 1945. ILLINOIS DEPT. AGRIC., U. S. DEPT AGRIC. 305PP.

-----. 1966-1672. ILLINOIS AGRICULTURAL STATISTICS, ANNUAL SUMMARY. BULL. 66-1 - 72-1. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

-----. 1968. ILLINOIS AGRICULTURAL STATISTICS, FIELD CROPS BY COUNTY, TWENTY-ONE YEARS, 1945-1965. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC. 155PP.

ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1972. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. U. S. DEPT. AGRIC.

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 4. SUMMARY OF FARM ACREAGE IN JO DAVIESS COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	525	3	437	442	302	****	1636	****	0
1939	2050	3448	504	5	373	532	352	****	1651	66	0
1940	2072	3477	456	5	363	568	386	****	1633	61	0
1941	2093	3508	481	7	374	561	357	****	1671	72	0
1942	2086	3516	519	8	391	560	354	****	1640	76	0
1943	2087	3539	579	4	383	564	327	****	1535	79	0
1944	2072	3523	605	3	396	549	333	****	1623	72	0
1945	2093	3527	568	2	410	552	294	****	1670	60	0
1946	2047	3509	563	2	410	528	470	****	1520	60	0
1947	2040	3518	536	2	401	547	300	****	1711	60	0
1948	2037	3522	578	1	423	532	286	****	1688	54	0
1949	2009	3464	570	2	424	543	262	****	1671	63	0
1950	1988	3469	545	2	413	583	238	****	1712	56	0
1951	1989	3494	552	2	403	601	204	671	1055	54	0
1952	1941	3461	561	3	418	582	231	1030	630	43	0
1953	1965	3490	573	5	413	606	213	1385	318	43	0
1954	****	****	586	6	410	599	209	1508	182	****	0
1955	1931	3472	602	8	396	563	217	1309	372	45	0
1956	1894	3474	600	9	395	559	231	1479	174	43	0
1957	1897	3453	589	12	382	570	228	1395	289	28	0
1958	1925	3470	612	16	361	561	200	1505	194	9	0
1959	1867	3455	658	7	341	568	183	1448	281	5	0
1960	1864	3479	680	6	318	562	216	1377	285	6	0
1961	1839	3448	617	17	328	545	227	1271	434	5	95
1962	1773	3419	592	15	299	562	235	1301	410	9	125
1963	1789	3399	613	9	292	551	223	1288	380	7	116
1964	1681	3323	642	15	288	604	234	1187	425	7	133
1965	1673	3345	649	20	270	557	172	1181	467	3	150
1966	1643	3285	638	23	259	557	180	1290	329	2	147
1967	1629	3278	719	26	228	543	163	1322	308	3	68
1968	1610	3311	733	31	228	537	140	1247	435	3	115
1969	1599	3351	723	26	212	516	169	1185	465	3	128
1970	1532	3297	733	33	201	526	173	1242	451	3	132
1971	1518	3361	757	29	189	512	141	1159	438	0	63

* ILLINOIS COOPERATIVE CROP REPORTING SERVICE. 1938-1971. ILLINOIS AGRICULTURAL STATISTICS, ASSESSORS ANNUAL FARM CENSUS. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

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_____. 1966-1972. ILLINOIS AGRICULTURAL STATISTICS, ANNUAL SUMMARY. BULL. 66-1 - 72-1. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC.

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ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1972. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. U. S. DEPT. AGRIC.

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 5. SUMMARY OF FARM ACREAGE IN LAKE COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	380	10	338	272	85	****	768	****	0
1939	1968	1976	362	15	312	319	86	****	793	192	0
1940	1817	1941	344	26	317	330	73	****	758	268	0
1941	1846	1925	346	53	321	306	100	****	715	268	0
1942	1759	1920	372	48	333	297	76	****	685	329	0
1943	1741	1979	430	40	347	310	112	****	661	232	0
1944	1676	1937	465	43	345	318	115	****	602	313	0
1945	1752	1943	440	42	367	307	131	****	591	409	0
1946	1815	1947	425	40	365	313	128	****	607	304	0
1947	1799	1939	404	37	352	311	106	****	649	319	0
1948	1820	1887	403	24	409	312	109	****	573	283	0
1949	1751	1855	386	23	400	304	97	****	557	258	0
1950	1801	1857	397	44	398	344	91	****	565	303	0
1951	1796	1834	398	49	393	355	69	187	353	276	0
1952	1813	1823	401	54	400	326	82	257	288	175	0
1953	1650	1783	444	63	386	333	79	216	329	198	0
1954	****	****	403	72	292	290	70	262	314	****	0
1955	1734	1752	418	97	278	270	80	222	341	210	0
1956	1705	1746	384	108	273	250	83	204	360	201	0
1957	1677	1703	333	148	242	226	80	168	392	178	0
1958	1599	1620	286	188	222	218	76	163	424	131	0
1959	1544	1620	333	151	194	191	67	150	424	169	0
1960	1503	1558	317	162	169	172	78	133	483	134	0
1961	1454	1552	245	182	170	159	84	127	509	174	82
1962	1455	1505	226	160	173	167	71	119	469	175	115
1963	1492	1465	227	171	169	174	62	129	467	210	95
1964	1428	1445	246	195	171	147	53	104	525	231	100
1965	1332	1419	263	206	127	390	44	971	457	364	107
1966	1265	1347	235	208	133	123	66	102	447	77	123
1967	1282	1354	259	199	157	120	60	96	396	268	68
1968	1283	1321	253	174	171	101	49	91	378	246	115
1969	1079	1259	221	163	109	88	43	89	410	238	128
1970	999	1170	205	169	107	88	43	77	398	233	132
1971	935	1129	218	157	102	89	30	75	369	425	63

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-----. 1968. ILLINOIS AGRICULTURAL STATISTICS, FIELD CROPS BY COUNTY, TWENTY-ONE YEARS, 1945-1965. ILLINOIS DEPT. AGRIC., U. S. DEPT. AGRIC. 155PP.

ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1972. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. U. S. DEPT. AGRIC.

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 6. SUMMARY OF FARM ACREAGE IN LEE COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	1539	153	1013	349	283	****	920	****	0
1939	2434	4402	1395	211	894	417	335	****	950	104	0
1940	2464	4428	1381	237	858	449	345	****	956	94	0
1941	2349	4294	1359	251	906	392	358	****	876	113	0
1942	2393	4369	1378	441	856	377	330	****	855	122	0
1943	2361	4345	1503	428	806	373	336	****	792	111	0
1944	2321	4385	1643	352	832	385	286	****	805	121	0
1945	2323	4407	1652	301	885	370	230	****	816	93	0
1946	2330	4411	1684	276	934	359	262	****	810	94	0
1947	2295	4378	1655	264	916	369	253	****	821	92	0
1948	2278	4417	1729	227	981	368	279	****	763	68	0
1949	2296	4363	1702	205	1031	376	247	****	769	67	0
1950	2305	4382	1542	295	993	427	243	****	803	80	0
1951	2324	4394	1605	231	984	437	288	312	415	75	0
1952	2328	4383	1644	208	970	462	308	405	279	70	0
1953	2273	4389	1706	223	941	444	298	336	351	73	0
1954	****	****	1671	253	941	457	310	422	274	****	0
1955	2224	4386	1703	266	902	445	369	370	341	89	0
1956	2264	4400	1664	324	882	449	283	325	340	71	0
1957	2225	4372	1700	374	840	458	254	290	360	20	0
1958	2142	4344	1683	406	795	431	229	282	437	16	0
1959	2064	4305	1923	333	764	392	237	273	343	15	0
1960	2010	4289	1996	382	617	380	197	304	345	6	0
1961	1989	4338	1583	523	539	348	192	292	694	13	397
1962	1931	4260	1581	568	493	348	192	233	759	10	429
1963	1857	4294	1680	596	467	326	170	237	687	8	305
1964	1795	4278	1687	648	386	298	153	238	755	8	420
1965	1744	4264	1784	724	294	265	131	213	696	7	394
1966	1703	4215	1808	782	284	235	100	214	684	4	374
1967	1665	4228	2000	803	263	206	104	191	564	6	198
1968	1635	4266	1766	882	261	169	70	179	770	0	431
1969	1581	4246	1719	909	242	157	75	197	740	0	467
1970	1520	4164	1778	910	207	151	53	159	842	1	411
1971	1503	4276	1843	929	180	137	55	170	692	2	345

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ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1972. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. U. S. DEPT. AGRIC.

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 7. SUMMARY OF FARM ACREAGE IN PUTNAM COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	276	17	178	64	66	****	257	****	0
1939	454	894	266	28	161	71	123	****	219	34	0
1940	461	919	260	30	155	87	78	****	281	29	0
1941	558	916	265	26	165	84	95	****	254	35	0
1942	434	909	270	59	154	73	76	****	261	52	0
1943	442	927	295	59	141	79	60	****	260	84	0
1944	440	925	315	70	141	80	58	****	253	44	0
1945	424	910	303	62	154	73	69	****	243	78	0
1946	430	921	298	59	151	74	61	****	269	75	0
1947	434	927	291	62	158	73	51	****	276	63	0
1948	432	906	300	52	181	61	52	****	262	60	0
1949	445	916	306	44	176	70	53	****	269	28	0
1950	440	919	265	57	174	88	67	****	260	36	0
1951	427	920	281	46	166	89	71	164	71	29	0
1952	421	915	287	44	165	87	56	190	80	25	0
1953	415	918	305	51	168	81	64	172	75	21	0
1954	****	****	286	64	159	90	59	190	72	****	0
1955	410	917	286	62	153	87	66	191	69	18	0
1956	432	915	276	67	154	86	65	165	104	24	0
1957	429	920	277	73	152	84	53	192	90	21	0
1958	405	924	281	71	143	85	49	186	97	11	0
1959	396	913	326	66	131	81	40	174	86	5	0
1960	375	896	349	73	115	73	37	173	74	4	0
1961	369	896	303	102	110	68	40	141	140	0	45
1962	362	903	314	98	104	69	40	151	133	2	49
1963	357	909	328	98	106	67	34	140	124	2	158
1964	339	895	357	103	89	69	28	140	135	5	160
1965	345	914	378	112	69	55	28	135	135	4	34
1966	330	913	425	115	54	42	24	123	118	4	26
1967	302	904	447	113	51	39	19	99	138	2	13
1968	301	909	430	132	49	36	18	108	135	2	29
1969	295	912	422	150	44	33	15	102	143	2	37
1970	291	911	395	169	35	30	14	121	121	2	31
1971	281	890	380	180	29	29	14	93	159	2	54

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** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

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TABLE 8. SUMMARY OF FARM ACREAGE IN STEPHENSON COUNTY 1938-1971*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	****	****	838	5	766	446	424	****	788	****	0
1939	2563	3407	782	9	681	567	497	****	803	144	0
1940	2576	3418	756	15	672	608	540	****	758	137	0
1941	2535	3408	763	23	655	574	470	****	832	145	0
1942	2573	3409	790	39	654	548	484	****	795	151	0
1943	2517	3443	895	17	649	549	528	****	711	152	0
1944	2511	3452	947	16	669	549	453	****	770	130	0
1945	2519	3462	896	12	692	560	433	****	801	124	0
1946	2487	3431	900	8	697	352	445	****	793	109	0
1947	2455	3385	879	9	676	564	502	****	717	109	0
1948	2453	3427	938	5	710	548	463	****	746	72	0
1949	2469	3397	914	6	719	593	454	****	659	76	0
1950	2445	3396	856	6	691	634	538	****	661	56	0
1951	2433	3392	876	4	675	636	483	243	447	47	0
1952	2403	3384	914	3	691	628	380	503	293	48	0
1953	2343	3369	936	3	682	642	366	541	245	48	0
1954	****	****	939	6	698	642	497	438	220	****	0
1955	2325	3406	958	5	657	621	459	479	215	68	0
1956	2303	3393	969	7	631	616	452	447	233	59	0
1957	2272	3367	994	10	615	610	480	404	216	56	0
1958	2190	3308	1015	19	573	604	469	442	229	4	0
1959	2194	3362	1136	9	530	620	391	454	245	3	0
1960	2114	3301	1138	7	470	599	406	455	269	3	0
1961	2105	3354	1021	9	503	586	443	400	350	1	141
1962	2057	3295	980	11	473	628	383	421	409	1	196
1963	2054	3318	1024	16	432	654	364	393	428	1	168
1964	2003	3319	1082	27	420	701	327	404	429	1	198
1965	1948	3318	1176	42	440	598	302	407	404	0	175
1966	1919	3348	1167	58	388	614	301	395	439	0	194
1967	1893	3405	1364	59	342	598	253	350	397	1	82
1968	1893	3389	1339	93	333	554	258	370	414	0	170
1969	1838	3380	1321	99	325	511	251	327	495	0	176
1970	1780	3339	1416	113	297	534	210	315	477	0	162
1971	1781	3373	1417	112	317	538	144	377	408	0	175

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** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

APPENDIX C

COMPUTER PROGRAM FOR THE WILCOXEN TEST

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      REAL LU(84,17)
      INTEGER NAME(52) /'INTS','P IN','DEX ','FIEL','D CR','OP  ','PAST
     1,'URE ',' ','FORE','ST  ',' ','ORCH','ARD ',' ','OLD ','FIEL','D
     2 ','HEDG','ROW',' ','WETL','AND ',' ','BUIL','DING','S   ','ROAD
     3,'S   ',' ','RAIL','ROAD',' ','WATE','R   ',' ','RIGH','T-OF','-W
     4Y','URBA','N   ',' ','OTHE','R   ',' ','STRI','PMIN','ED  ','NON-
     5,'HABI','TAT '/
      INTEGER T, P, DEC, COUNT
      REAL LU38(84,17), LU70(84,17), DIFF(84)
      DIMENSION ID38(84,10), ID70(84,10)
C  READS DATA INTO TWO (1938 AND 1970) MATRICES WITH COLUMNS REPRESENT-
C  ING LAND-USE TYPES AND ROWS THE INDIVIDUAL SAMPLES (SECTIONS)
      N=84
      DO 2 J=1,N
      READ (5,10) (ID38(J,K),K=1,5),(LU38(J,K),K=1,16),(ID70(J,K),K=1,5
     1,(LU70(J,K),K=1,16)
10    FORMAT(2I2,2I3,I2,1X,F2.0,F4.0,14F3.0)
      LU38(J,17)=LU38(J,9)+LU38(J,10)+LU38(J,11)+LU38(J,14)+LU38(J,15)
      LU70(J,17)=LU70(J,9)+LU70(J,10)+LU70(J,11)+LU70(J,14)+LU70(J,15)
2     CONTINUE
C  THIS SEGMENT CONVERTS DOTS TO ACRES
      A=.625
      DO 4 J=1,N
      DO 4 K=2,17
      LU38(J,K)=LU38(J,K)*A
      LU70(J,K)=LU70(J,K)*A
4     CONTINUE
C  THIS SEGMENT CHECKS TO MAKE SURE THE LAND-USE TYPES FOR EACH SAMPLE
C  TOTAL 640 ACRES
      DO 5 I=1,N
      SUM38=0.0
      SUM70=0.0
      DO 6 J=2,16
      SUM38=SUM38 + LU38(I,J)
      SUM70=SUM70 + LU70(I,J)
6     CONTINUE
      IF(SUM38.LT.639.5.OR.SUM38.GT.640.5) GO TO 7
      IF(SUM70.LT.639.5.OR.SUM70.GT.640.5) GO TO 7
      GO TO 5
7     WRITE (6,9) I
9     FORMAT ('0','ERROR, ROW ',I3,' OF EITHER LU38 OR LU70 DOES NOT TOT
     1AL 640 ACRES')
5     CONTINUE
C  DETERMINES WHETHER OR NOT DATA PAIRS AND BOTH CARDS IN EACH SAMPLE
C  REPRESENT THE SAME SECTION
      DO 12 K=2,5
      DO 12 J=1,N
      IF(ID38(J,K).NE.ID70(J,K)) GO TO 11
      GO TO 12
11    WRITE (6,13) J,K
13    FORMAT ('0','ERROR, THE ',I3,'TH DATA PAIR (EITHER 1938 OR 1970)
     1D NOT MATCH WITH REGARD TO ID VARIABLE ',I2,' **NOTE** THIS PAIR'
     2' ','MAY CONTAIN ADDITIONAL ERRORS')
12    CONTINUE
```

```
C   DETERMINES IF DATA PAIRS ARE IN PROPER ORDER WITH RESPECT TO YEAR
      DO 14 J=1,N
      IF((ID38(J,1)-ID70(J,1)).GT.-25) GO TO 16
      GO TO 14
16    WRITE (6,17) J
17    FORMAT ('0','ERROR, DATA CARD(S) OUT OF ORDER IN THE ',I3,'TH PAI
     1')
14    CONTINUE
C   CREATES VECTOR (DIFF) OF DIFFERENCES AND COUNTS NON-ZERO ONES ( M)
      DO 15 K=1,17
      M=0
      SUM38=0
      SUM70=0
      DO 18 J=1,N
      DIFF(J)=LU38(J,K)-LU70(J,K)
      SUM38=SUM38+LU38(J,K)
      SUM70=SUM70+LU70(J,K)
      IF(DIFF(J).NE.0) M=M+1
18    CONTINUE
C   DUPLICATES THIS VECTOR FOR SORTING
      DO 20 J=1,N
      DI(J)=DIFF(J)
20    CONTINUE
C   SORTS DIFFERENCES INTO ASCENDING ORDER (DISREGARDS SIGN)
      DO 25 JX=2,N
      J=N-JX+1
      DO 25 I=1,J
      IF(ABS(DI(I)).LE.ABS(DI(I+1))) GO TO 25
      DUMMY=DI(I)
      DI(I)=DI(I+1)
      DI(I+1)=DUMMY
25    CONTINUE
C   RANKS NON-ZERO ITEMS IN VECTOR DI AND ASSIGNS RANKS TO VECTOR Y
C   (ASSIGNS MEAN RANK WHEN TIES ARE ENCOUNTERED)
      MU=N-M
      IF(MU.EQ.0) GO TO 60
      DO 50 L=1,MU
      Y(L)=100000.
50    CONTINUE
60    J=N-M+1
      P=1
      T=1
      L=N-M+1
      I=M
      DO 80 INDEX=1,I
      JSUM=0.0
80    JSUM=JSUM+P
      IF(J.EQ.N) GO TO 100
      IF(ABS(DI(J)).NE.ABS(DI(J+1))) GO TO 100
      J=J+1
      P=P+1
      T=T+1
      GO TO 90
100   DO 110 LINDEX=1,T
```

```
      Y(L)=JSUM/T
      L=L+1
      IF(L.GT.N) GO TO 105
110   CONTINUE
      J=J+1
      P=P+1
      T=1
80    CONTINUE
C  CALCULATES SUMS OF RANKS OF POSITIVE AND NEGATIVE DIFFERENCES
105   POS=0
      NEG=0
      DEC=0
      INC=0
      L=N-M+1
      DO 130 J=L,N
      IF(DI(J).GT.0) GO TO 120
      NEG=NEG+Y(J)
      INC=INC+1
      GO TO 130
120   POS=POS+Y(J)
      DEC=DEC+1
130   CONTINUE
C  CALCULATES Z FOR SMALLEST SUM OF LIKE-SIGNED RANKS
      IF(NEG.LE.POS) GO TO 150
140   IF(NEG.LE.POS) GO TO 150
      TVALUE=POS
      GO TO 160
150   TVALUE=NEG
160   X=FLOAT(M)
      Z=(TVALUE-X*(X+1.)/4.)/(SQRT((X*(X+1.))*(2.*X+1.)/24.))
      WRITE (6,170) NAME(3*K-2), NAME(3*K-1), NAME(3*K)
170   FORMAT('1',22X,'HENRY COUNTY        ',3A4)
      WRITE (6,180)
180   FORMAT(' ','YEARS  COUNTY  TWP  RNG  SECTION',9X,'LU38',13X,'LU70'
     2,10X,'DIFFERENCES',6X,'SORTED DIFFERENCES',8X,'RANK' //)
      DO 200 J=1,N
      WRITE (6,190) ID38(J,1),ID70(J,1),(ID38(J,I),I=2,5),LU38(J,K),LU7
     2(J,K),DIFF(J),DI(J),Y(J)
190   FORMAT (' ',I2,'-',I2,4X,I2,4X,I3,2X,I3,5X,I2,10X,2(F7.3,10X),F8.
     1,10X,F8.3,14X,F5.2)
200   CONTINUE
      WRITE (6,210) N, M, TVALUE, Z, INC, DEC, SUM 38, SUM 70
210   FORMAT ('-','THE NUMBER OF DATA PAIRS AND NON-ZERO DIFFERENCES IS'
     1,I4,'  AND',I3,'  RESPECTIVELY'/' ','T=',F7.2,4X,'Z=',F7.3,4X,I3,'
     2 SECTIONS SHOWED INCREASES AND',I3,' SHOWED DECREASES'/' ',28X,'L
     338 TOTALLED ',F8.2,', LU70 TOTALLED',F8.2)
15    CONTINUE
      STOP
      END
```

APPENDIX D

COMPUTER PROGRAM FOR CODING ACREAGE CHANGES

```
      DIMENSION X(84,17),Y(84,17),Z(84,17),W(84,17),KVALU(17)
      N=84
      DO 15 I=1,N
      READ(5,12)(Y(I,J),J=1,16)
      READ(5,12)(X(I,J),J=1,16)
12    FORMAT(13X,F2.0,F4.0,14F3.0)
      X(I,17)=X(I,9)+X(I,10)+X(I,11)+X(I,14)+X(I,15)
      Y(I,17)=Y(I,9)+Y(I,10)+Y(I,11)+Y(I,14)+Y(I,15)
15    CONTINUE
      DO 30 I=1,N
      DO 18 J=1,17
      KVALU(J)=0.0
18    CONTINUE
      DO 25 J=1,17
      Z(I,J)=X(I,J)-Y(I,J)
      W(I,J)=X(I,J)+Y(I,J)
      IF(Z(I,J).GT.0.0)K=1
      IF(Z(I,J).EQ.0.0)K=2
      IF(Z(I,J).LT.0.0)K=3
      IF(W(I,J).EQ.0.0)K=0
      KVALU(J)=K
25    CONTINUE
      WRITE(6,21)(KVALU(J),J=1,17)
21    FORMAT(' 03',17I3)
30    CONTINUE
      STOP
      END
```

APPENDIX E

SPSS DECK SETUP FOR CHI SQUARE AND FISHER'S TESTS

```
FILE NAME         CHISQUAR,TEST FOR INDEPENDENCE OF VARIABLES IN PUTNAM COUNTY

VARIABLE LIST     INTRSPER,FLDCROP,PASTURE,FOREST,ORCHARD,OLDFIELD,HEDGEROW,
                  WETLAND,BUILDING,ROAD,RAILROAD,WATER,RITOWAY,OTHER,STRIPMIN,
                  NONHAB

INPUT MEDIUM      CARD

N OF CASES        18

COMMENT           NUMBER OF SECTIONS SAMPLED

INPUT FORMAT      FIXED (3X,17(2X,F1.0))

VALUE LABELS      INTRSPER TO NONHAB (0)NO-ACRES (1)INCREASE (2)NO-CHANG (3)DE
                  CREASE

COMMENT           IDENTIFIES THE VALUES(1,2,3,0) FOUND ON THE DATA CARDS

MISSING VALUES    ALL(0,2)

COMMENT           ALLOWS SECTIONS OF NO CHANGE AND NO ACREAGE TO BE RECORDED
                  BUT NOT COMPUTED IN THE STATISTICS

CROSSTABS         VARIABLES=INTRSPER TO NONHAB(0,3)/TABLES=INTRSPER TO NONHAB
                  BY INTRSPER TO NONHAB

COMMENT           TESTS INDEPENDENCE OF LAND-USE TYPES BY CHI SQUARE OR FISHER'S
                  TEST

OPTIONS           3,4,5

STATISTICS        1

READ INPUT DATA

FINISH
```